

# The 50 MHz DX Bulletin

Volume 5, Issue 9

September 1994

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV, intends to publish one current issue per month along with one technical issue for each of the months missed during 1993. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface or \$30 airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to 12450 Skyline Blvd., Woodside, CA 94062-4541 USA. If you can reach the Internet, my address there is frank@snezy.sri.com The Bulletin may be freely quoted, provided that credit is given.

## North To Alaska

Glenn Skinner, WB7QBS, sent me the postcard reproduced below in black and white. He indicated that he hoped to interest others in this premier DX location—vacation spot where he operated 6 and 2 meters during the Perseids meteor shower this past August, working 13 W7s and 1 VE7 on six meters and 6 W7s on two meters meteor scatter, all on SSB.

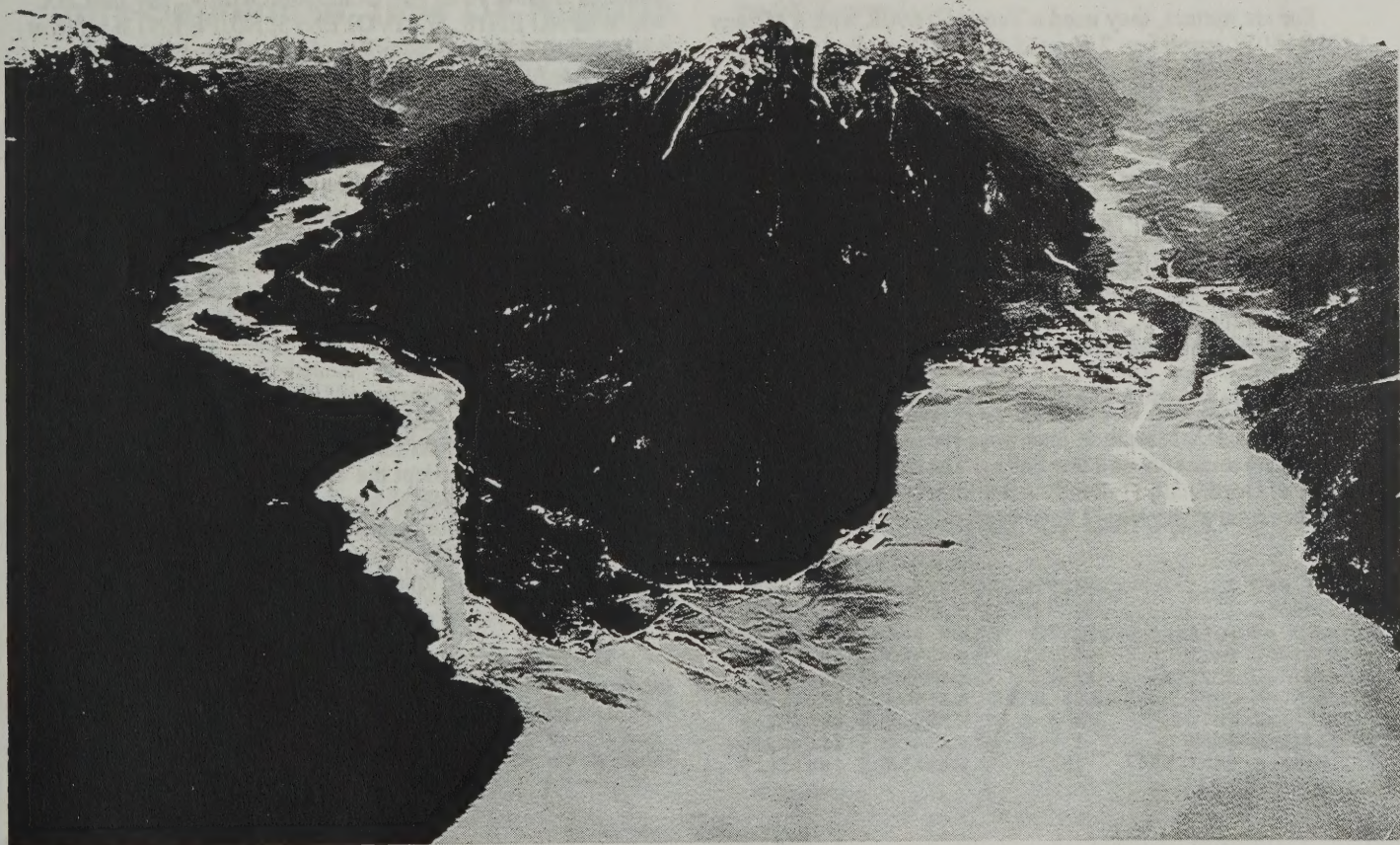
Alaska and British Columbia are divided in the photo by the straight line running almost vertically from the water up the foothills, pointing at Mt. Dolly. They operated from Mt. Welker which is not visible in the photo, but is just in back of Mt. Dolly. Hyder, Alaska and the Salmon River are on the

left. The pier extending from Hyder is aligned at 142° azimuth. At the head of the Salmon River is the Salmon River Glacier. Stewart B.C. and the Bear River are to the right of the border. Flowing from Stewart B.C. to the Pacific Ocean, 100 miles away is the Portland Canal.

Hyder is about 1200 miles from Glenn's QTH in Sunnyside, WA. It is the cheapest/fastest destination in Alaska by road from the lower 48. The ridge between Mt. Dolly and Mt. Welker is very hikeable, and from it one could operate in grids CO45 and CO46 in Alaska at ~5000' or from CO45, 46, 55, & 56 in B.C. at ~4500'. The road through Hyder goes N & NE such that one could get to a point where the 5000' ridge top was only a 100 yard hike, but one would be in B.C., CO56.

Getting to Mt. Welker and Alaska, however, would involve a 5 mile hike through bear country. Glenn (60, a Medical Doctor) and sons Robert (24, awaiting license) and Lt. Sam (30, Army Engineer) chose instead a helicopter ride, which was only \$325 Canadian.

Joke du Jour: DX Party in helicopter nearing Mt. Welker:  
Glenn: "This is so cool!"  
Robert: "First time in a helicopter--doctor?"  
Glenn: "Yes, one this small."







On the map reprinted above, follow the Portland Canal to Hyder & Stewart.

The party subsisted on military MREs: Spaghetti & meat sauce, chicken a la king, oatmeal & peaches & cream, coffee, and hot chocolate. They had a dome tent for shelter.

For six meters, they used a Yaesu FT690R with a Mirage A1015 150W amplifier, 2 el quad & 2X4 Quad Pod. For two meters they used an Icom IC-290A to an RFC 2-U7 170W amplifier and a 3 el quad & PVC Quad Pod. All this was powered by a 12V 100 A.H. battery.

## LA9ZV, Leif Johansen

I am very sorry to report that Leif, LA9ZV, passed away on August 30. Leif was a very interested 6M amateur and well known all over the world. We are all missing him! If anyone needs a QSL card from LA9ZV, please write to LA9VDA, address OK in the Callbook. This information from SM7AED, who received the sad news from LA9VDA.

## Results of 50 MHz DX Marathon I

50 MHz DX Marathon logs were received from six licensed radio amateurs and one SWL. The SWL is Jan Steenberg, of Dordrecht, Holland. After checking (and correcting where necessary) the logs, I have verified the following scores:

Station	Grid	Points	Multiplier	Score
SM7FJE	JO65ML	106	18	1908
KM1E	FN53	59	20	1180
NL-213	JO21IT	41	24	984
W6YLL	CM97	5	13	65
N4MM	FM09	4	16	64
VE7SKA	CN89	1	11	11
V31DW	EK57, EK67	1	9	9

I know of at least one other 6m amateur who would have equaled or bettered these scores had he submitted a contest log. The highest-scoring radio amateur and SWL will each receive a one year subscription to our bulletin.

## The 1994 Perseids

Jukka, OH6DD, posts shower results seen in Europe at 87 MHz: "The first peak occurred on August 12 at 10-11 UT (maximum number of bursts at 10 UT, maximum total reflection time at 11 UT). The first peak was very good for about 4 hours or so (09-13 UT). The peak was lower than last year.

The second peak occurred on August 13 at 03 UT. This peak was somewhat lower than the first one, but broader. Good reflections for about 10 hours (01-11 UT)."

Remco, PA3FYM, posted: "Honestly, here in Europe we consider the Perseids not that good as they were last year. Yes, there were nice bursts, and yes they were long and yes I (or 'we') made lots of contacts, but compared to last year it was a bit disappointing, IMHO.

Anyway, after weeks of silence on 50 MHz, suddenly last Saturday (Aug 13) we experienced severe Es just after the peak of the shower. Almost during the whole day, 50 MHz was open to Eastern Europe. And... surprisingly, at approx 1800Z, aurora was reported on 2 meters; no aurora on 50 MHz, however."

Ron, WZ1V (FN31), posted: "Ran 20 M/S schedules on 2 meters August 12 & 13. Completed with 9. My best DX was WOPHD EN18, WA2VOI EN15, N0JPE EN13, all over 1200 miles. Attempts with W5AL DM95 at 1571 mi. & WD5DOA EL39 at 1402 mi. failed to produce even a single ping. (as did all three of my wee hour skeds the 11th). Long haul work seemed to favor the Northwest heading this year for me. WA2VOI was S9+ for at least a dozen entire 15 second odd sequences on 144.200 while calling random CQs from 1000-1300 UTC on the 12th. No other stations at a similar distance from the Southwest did the same. I operated practically non-stop for 30 hours here starting 0330Z on the 12th and observed 0430-1800 most productive on the 12th, also 0600-0800 and 1100-1500 UTC on the 13th. My opinion: an average to mediocre shower."

N5RZ (DM81XW), near Midland, TX posted the following 2m observations; "This was great!!! I listened until about 0630Z Aug 12, and didn't hear any bursts. Discouraged, I went to bed, and overslept the alarm set for 1000Z. Getting to the radio at about 1145Z, I was to be pleasantly surprised at what the next four hours would bring. I began hearing strong bursts from K7CA (DN26) about 1200Z. At 1215Z, I worked AJ6T (CM87) for the first of 23 random QSOs that morning on 144 MHz.

The peak for me was 1500-1600Z, when 14 QSOs were made. Two more QSOs were made Aug 13 at 1508 & 1547Z, both also random on 2 meters.



Between 1215Z-1600Z on Aug 12, I had to keep looking to make sure I wasn't really on 20 meters!!! It was unbelievable to this VHF newcomer. . . . Final tally was 25 stations, 21 grids, & 14 states.

Dave, NR6E, posted: "I too, like N5RZ, had a great time! Maybe it's because I'm relatively new to this (up until this year, I had only made three 2m MS QSOs) as I've seen others who didn't things were so hot. I decided to go portable in the middle of Nevada from DN00 to get away from local QRM, have clear skies for the visual show, and to give out a good grid. I ended up having to work on Thursday, so with the seven hour drive I didn't get set up and running until 1050Z on the 12th. It sure was frustrating listening to the loud signals coming through on my mobile rig and whip as I set up the real antenna and rig!

I worked 20 stations on meteors, as well as a number of tropo contacts to 500 miles or so. All contacts were on 2 meters. Of the 20 scatter QSOs, 14 were on the 12th, and 6 were on the 13th. Several people who worked me on the 12th said they were still hearing me loudly on the 13th, but I couldn't scrounge up very many stations.

Tim, NC7CK, was operating from DM19, but had to change QTHs due to thunderstorms, so he came up and visited me on the 13th, operating his gear on 50 and 432 MHz.

Best DX I heard was K5YY on random (meteors {unscheduled}), but we didn't work. I had some 1400-1500 mile skeds that didn't pan out. My best DX was either N0LL or N5RZ, both about 1100 miles. It seemed like every sked was completed quickly, with a nice long burn at the end.

19 grids and 12 states/provinces worked on meteors. My QTH was in DN00, just outside of Lovelock, NV. I was not on a mountaintop, but had a pretty good shot from NNE to due S. I had a great time, and plan on doing more of the same next year from a different grid in NV, possibly DN10 or DN20."

## July-September 1994 DX Reports

The following reports of 50 MHz and higher DX heard and worked are courtesy of VHF-UHF Digest, G4UPS, SM7AED, JA1VOK, KO6ET, N7YAG & K6QXY. Reports of SMs are courtesy of SM7AED's news sheet. Apologies to any acknowledgements I may have forgotten. In the tabular listings which follow, the year (1994) is understood, the first entry is mmddhhii where mm is the month, dd is the day of the month, hh is the hour UTC, and ii is the minutes. A + to the right of the time indicates the observation was one of several in a time period and is probably than reported. The call at the right is that of the observing (and usually reporting) station. Symbols, V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, H=heard only, T=Television picture. Since reports from the Northern Hemisphere are very voluminous again this, we have divided the reports from the U.S.A. into call areas.

## News of Africa

**CHAGOS ARCHIPELAGO.:** G4UPS writes that both Dale, VQ9QM (W4QM) and Pete, VQ9TP (N5TP) are active from Chagos, mostly in their evenings and their beam is usually kept in the direction of Europe whilst monitoring 50.110 MHz. QSL for both stations is via their home call signs.

**ZIMBABWE:** Mal Geddes, ZB2JO, writes (8/14) that the only signal he has heard recently is the ZS6DN/B on 50.050. The Z21SIX beacon (in the shack) is still on 50.052, but to date has brought only reports from 9H. "When I look back in my six meter

logs for about two to three years, I had lots of U.S., G., European, etc. contacts. Now, in the northern part of the world everyone is active and getting contacts. Need a few of the new countries in Europe, but doubt if I will every get past my present score of 65 countries worked on Six!! Have to wait until about 2001 A.D. for good conditions, but I will be 88 years of age then."

Editor--don't you believe it! If any of you wait until the millenium, you will be missing out on the most interesting part of the next solar cycle, which is predicted to begin late next year or early the following year. Two years after that you should be able to work daytime F2 DX again. Then there's always TEP, and you might be surprised by what a 20 dB improvement in your station could bring in the way of DX! And we are interested in receiving reception reports of South African and other six meter stations local to you.

## News of Asia(Middle East)

### ISRAEL

08020701 4X4IF

SM3EQY

### LEBANON

08151030 OD5RAK (OP DL2EAD) 50.112

9H5EE

## News of Asia(Far East)

### HONG KONG

08070943 VS6XMT

50.110

JA1VOK

**KOREA, N.:** Five JAs reported working P5RS7 on 50.500 MHz CW on December 26, 1992. The ARRL released a determination on August 29 of this year: "While reviewing the original documentation and photographs, DXCC staff noted some apparent discrepancies. DXCC staff then requested some additional information. After more than one year, additional information was received.

During that year, the ongoing investigation into the paperwork and photographs suggested that the operation may have taken place from another location. Documentation in support of P5RS7 accreditation did not establish that operating permission had been granted by appropriate authorities, nor did it establish that the operation took place from the territory of North Korea.

After reviewing all available information, there will be no DXCC credit for the P5RS7 operation, and the file has been closed. This determination is based upon Section I., 7) and 12) of the DXCC rules."

### KOREA, S.

08150129 HL2FCN

50.140

JS1KQQ

08150153 HL1LTC

50.150

JS1KQQ

### MACAO

08130724 XX9AS

50.110

JA1VOK

**SINGAPORE:** JA1VOK, in his column "World VHF News" in FIVE NINE writes "9V1ES didn't appear on 6m on Sep.4-10."

### TAIWAN

08020320 BV2KW

50.110

H JA3GR

08080059 BV2FI

50.150

H JA3GR

08311212 BV2FG

50.110

C JR6VSP

09011430 BV2FG, BV2KW (-2340)

JR6

09040915 BV2FG (-0930)

JA

09051000 BV2DP (-1030)

JA

09081545 BV2KW (-1600)

JR6

## News of Europe

### EUROPE GENERAL

08061230+EUROPEAN TV STRONG

I GW4UPS

08131142+EUROPEAN TV STRONG

I G4UPS

08171245 EUROPEAN TV STRONG

I G4UPS

08180730 EUROPEAN TV

I G4UPS

08181830 EUROPEAN TV

I G4UPS

08231030 EUROPEAN PAGER (SE) 50.108

SM7AED/

08231030 EUROPEAN TV E & SE -1300

I SM7AED/

08251345 EUROPEAN TV E

I SM7AED

08311853 EUROPEAN TV WEAK

I G4UPS



## AUSTRIA

07230625 OE5NEL JN78 SM3EQY  
07271857 OE1ETA 599 JN88 C GW4UPS  
07271940 OE5PAM 59 JN78 S GW4UPS  
08060830 OE5NEL 559 C GW4UPS  
08121404+OE3GBB (<1503) OZ3ZW ES  
08130652 OE2UKL SM7AED/ MS  
08131257 OE9EMI JN47 SM3EQY  
08131434 OE5NEL JN78,1446 OE9EMI JN47 SM7AED/ ES  
08131450 OE5CA JN78 SM7AED/ ES  
08190822 OE9NHI 59 JN47UL S G4UPS  
08261534 OE2UKL 59+ JN67 (<1545) S G4UPS

## AZERBAIJAN C.I.S.

08021800 4K6D (-1825) H OZ3SDL/A JO74

## BELARUS

07180933 EW1AA KO33 SM3JGG  
07180940 EW1AA KO33 SM3EQY

## BULGARIA

08120932 LZ1JH SM7AED/  
08130854 LZ/DJ5MN KN32 SM7AED/ MS  
08131043 LZ/DK5MV KN32 SM7AED/  
08131049 LZ/DJ5MN KN32 SM7AED/  
08131050 LZ1ZX KN32 SM7AED/

## CORSICA

08021510 TK/DL7HZ JN41 SM7AED  
08051920 TK/DL7HZ H SM7AED/  
08070741 TK/DL7HZ 579 JN41 C GW4UPS

## CRETE

08132027 SV9SIX/B 559 B G4UPS  
08261010 SV9SIX/B B SM7AED ES  
08311930 SV9SIX/B 579 (-1940) B G4UPS

## CROATIA

07161538 9A2OB JN95 SM3EQY  
07170628 9A2BZ SM3EQY  
07171851 9A2KL JN85 SM3EQY  
08061833 9A1CCY 579 JN8500 GW4UPS  
08121404+9A2YC, 9A2DI (<1503) OZ3ZW ES  
08130837 9A2OB SM7AED/ MS  
08131247 9A2LW 59 JN75 S G4UPS  
08131318 9A2AE 59 JN86HF S G4UPS  
08131323 9A2DI 599 JN95IN C G4UPS  
08131519 9A1BZ JN64 SM7AED/ ES  
08131550+9A (-1640) G4UPS  
08141006 9A3HZ OZ3ZW  
08141353 9A2YC OZ3ZW  
08261400 9A2BZ 59 G4UPS

## CZECH REPUBLIC

07180748 OK2BGW JN89 SM3JGG  
07271751 OK1MAC 59 JN790P S GW4UPS  
07272000+OK1IBL 599 -2020 GW4UPS  
08061102 OK2BRB 599 JN89XL GW4UPS  
08061106 OK2BGW 579 JN89CH GW4UPS  
08061230 OK1MAC 579 GW4UPS  
08120906 OK1IBL OZ3ZW MS  
08120914 OK1IBL SM7AED/  
08121404+OK2BGW, OK2RX (<1503) OZ3ZW ES  
08122039 OK1IBL SM3EQY  
08130651 OK2BGW SM7AED/ MS  
08131306 OK2RX 599 JN89 C G4UPS  
08131337 OK2BRB 57 JN89XL S G4UPS  
08131417 OK1IBL SM7AED/ ES  
08131550+OK (-1640) G4UPS  
08140731 OK2BGW SM7AED/ MS  
08141359 OK2BGW OZ3ZW  
08151805+OK1IBL JO60 -1815 SM3EQY  
08171602 OK1JL 59 JO70WN JARDA S G4UPS  
08171609+OK1FAV 599 JO60JD (-1630) C G4UPS

## DENMARK

07271934 OZ3SDL 59 S GW4UPS  
07272050 OZ7IGY/B 599 B GW4UPS  
07272102 OZ1DJJ 599 C GW4UPS  
07311955 OZ3SDL/A 59 JO74NX S GW4UPS

07312020 OZ7IGY/B 599 B GW4UPS  
07312041 OZ1LO 599 -2045 C GW4UPS  
08070740 OZ7IGY/B 449 B GW4UPS  
08181925+OZ6VHF/B 579 (-2000) B G4UPS  
08181945 OZ7IGY/B 579 (-2000) B G4UPS  
08280846 OZ7IGY/B 599 B G4UPS  
08280902 OZ5IQ 59 JO65 S G4UPS

**ENGLAND:** I spoke with N5XSA at the W6JKV BBQ and he related that while operating Field Day at WE6F (northern CA) June 25 he heard not only N5JHV, but at least one of the Gs he was working on 50.110 (1658-1715Z).

07181542 2E1BEY JO02 SM3JGG  
07212130 G6URJ IO93 SM3EQY  
07300700 GB3MCB/B 569 B GW4UPS  
07300700+GB3BUX/B 579 B GW4UPS  
07300700+GB3SIX/B 559 B GW4UPS  
08040449 G3CCH SM7AED/ MS  
08100913 G0MGA/P IN77 SM7AED/ MS  
08100931 G3HBR SM7AED/ MS  
08110445 G3CCH IO93 SM7AED/ MS  
08111006 G0MGA/P, 1009 G7EXO OZ3ZW  
08111934 G0JHC, 1935 G4IGO SM7AED/  
08111937 G0MGA/P, 1938 G8NXD OZ3ZW  
08111942 G0MGA/P SM7AED/  
08120801 G3CCH SM7AED/  
08120820 G7MWW, 0829 G7DND OZ3ZW MS  
08120821 G3ABO SM7AED/  
08120840 G0MGA/P, 0904 G3SYK OZ3ZW MS  
08120908 G3KNU OZ3ZW MS  
08120936 G1SSL, 0939 G8WPL OZ3ZW MS  
08121011 G0MGA/P SM3EQY  
08121151 G4ASR OZ3ZW MS  
08121204 G7GCH, 1205 G4DCJ SM7AED/ MS  
08121206 G4FVP, 1208 G7OYV SM7AED/ MS  
08121404+G7GPZ (<1503) OZ3ZW ES  
08122129 G1IOV OZ3ZW MS  
08122243 G3JOS, 2244 G0AHC OZ3ZW MS  
08122245 G7LIV OZ3ZW MS  
08130744 GB3RMK/B 559 IN/OUT B G4UPS  
08130800 G4UPS, 0802 G3CCH SM7AED/ MS  
08140754 G4UPS SM7AED/ MS  
08150753 G4UPS SM7AED MS  
08180450 G3CCH IO93, 0758 G4UPS SM7AED MS  
08182018 G4HBA IO80 SM3EQY

## ESTONIA

07310950 ES5WE/0 KO07 SM3EQY  
08181842 ES5MC 59 G4UPS  
08181925 ES5MC 579 G4UPS  
08181930 ES0SIX/B 559 (-2000) B G4UPS  
08280730 ES0SIX/B 579 (-0751) B G4UPS

## FAROE IS.

08102154 OY/G4ODA OZ3ZW JO45  
08120641 OY/G4ODA IP61 SM7AED/  
08120648 OY/G4ODA OZ3ZW MS  
08120703 OY/G4PIQ SM7AED/  
08120803 OY/G4PIQ OZ3ZW MS  
08120934 OY/G4WKN OZ3ZW MS  
08120936 OY/G4WKN SM3EQY  
08121019 OY/G4WKN IP61 SM7AED/ MS  
08131116 OY/G4HDF IP61 SM7AED/ MS  
08131142 OY/G4DHF 59 IP61 S G4UPS  
08131221 OY/G4DHF JP61 SM3EQY  
08140957 OY/G4ODA OZ3ZW  
08161840 OY/G4PIQ H SM7AED MS  
08171254 OY/G4DHF JP61 SM7AED MS  
08172011 OY/G4PIQ SM3EQY

## FINLAND

07071035 OH9MF/9 KP36 SM3JGG  
07071102 OH9MTY KP46 SM3JGG  
07140952 OH1VR KP11 SM3EQY  
07271806 OH1MZA 599 C GW4UPS  
07272000+OH1SIX/B 569 -2020 B GW4UPS  
08120630 OH9SIX/P S1-9+ CONT -1200 SM7AED/  
08181026 OH5EK KP40 SM7AED ES  
08181842 OH1IR 559 G4UPS



## FRANCE

07171647 F1MXE JN05 SM3EQY  
 07180944 F8CS JN27 SM3JGG  
 07181037 F5NLG IN97 SM3EQY  
 07181946 F6GNP, F1RG, F5NXU -1956 SM3EQY  
 07190536 F1JG JN23 SM3JGG  
 08121404+F1AH (<1503) OZ3ZW ES  
 08140730+FRENCH TV 50.100 F G4UPS  
 08171254+F 50.025, 50.050, 50.100 F SM7AED ES  
 08182012 F6AUS IN96 SM3EQY  
 08200820+F1NCG 57 (<0900) H G4UPS  
 08240655 F 50.025 & 50.110 -0750 F SM7AED/  
 08260949 F5BYM IN94 SM7AED ES  
 08261450+F STNS H SM7AED ES

## GERMANY

07180955 DL9YFY JO41 SM3EQY  
 07181736+DF3IU JN49 -1749 SM3EQY  
 07181736+DL8SDL, DK4FP JN49 -1749 SM3EQY  
 07231627 DL2VAA SM3EQY  
 07271800 DL9RM 57 JN69DX S GW4UPS  
 07271852 DL1GNM 59 JN38 S GW4UPS  
 07271902 DL3XL 59 JN49IT S GW4UPS  
 07271902 DL3XL 59 JN49IT S GW4UPS  
 07271902 DL8FBD 59 JO40 GW4UPS  
 07271920 DJ2RE 599 JN49HS C GW4UPS  
 07271923 DL4NER 599 JN49XT C GW4UPS  
 07271927 DL6NCI 59 JO50 S GW4UPS  
 07271928 DJ2XS 59 JO53AK S GW4UPS  
 07271933 DL7QY 59 JN59BD S GW4UPS  
 07271940 DF7NM 59 JO50WC S GW4UPS  
 07271950 DF3GY 59 JN48AS S GW4UPS  
 08021520 DL1KUS JO63 SM7AED  
 08060834 DL9MBZ 559 JN58 C GW4UPS  
 08120812 DL4MDQ JO58 SM7AED/  
 08120916 DK1OJ SM7AED/  
 08120919 DK0IG SM7AED/  
 08121103 DL3RBH SM7AED/ MS  
 08121231 DK3RV OZ3ZW MS  
 08131255 DF1NP JN58 SM3EQY  
 08131457 DJ8SP JN48 SM7AED/ ES  
 08131503 DJ6TK 59 JO53 S G4UPS  
 08131505 DJ2XS 59 JO53AK S G4UPS  
 08140659 DL9LW, 0701 DL2AAL SM3EQY  
 08140944 DL8HCZ OZ3ZW  
 08151805 DL7ANR JO62, DF7NM JO50 -1815 SM3EQY  
 08171704 DL4MDQ 59 S G4UPS

## GIBRALTAR

07311530 ZB2VHF/B 599 B GW4UPS  
 07311550 ZB2EO 579 C GW4UPS  
 08070720 ZB2VHF/B 579 B GW4UPS  
 08191130 ZB2VHF/B 559 B G4UPS  
 08191140 ZB2EO 579 C G4UPS  
 08191410 ZB2VHF/B 579 (-1430) B G4UPS

## GREECE

08130902 SV1AB H SM7AED/  
 08131015 SV1AHX H SM7AED/  
 08131243 SV1DH 59 COSTAS S G4UPS  
 08132025 SV1SIX/B 579 B G4UPS  
 08180855 SV1AXH KM18 SM7AED ES  
 08261000 SV1SIX/B B SM7AED ES

## IRELAND

07181851 EI9DUB IO63 SM3JGG  
 08121153 EI2GB OZ3ZW MS  
 08122213 EI8HZ OZ3ZW MS

## ITALY

07041435 IK7FGE JN71 SM3JGG  
 07170721 I3QDK JN65 SM3EQY  
 07180944 IK4ADE, I3EGD -0950 SM3EQY  
 07181736 I2MUT IN55, I1DDS JN35 -1749 SM3EQY  
 07231006 IK3GLD, 1009 I4CLK SM3EQY  
 07271759 IK2GLD 59 GW4UPS  
 07310900 IOCEP 59 JN61IT JOHN S GW4UPS  
 07310903 I1DDS 59 JN35UC DAVID S GW4UPS  
 07310903+IOAMU 55 (-0930) H GW4UPS  
 08070751 IKOFTA 57 JN61 S GW4UPS  
 08121404+IK6GPS, I4XCC (<1503) OZ3ZW ES

08122255 I1KTC  
 08122338 IK3GLD, 2339 I4XCC  
 08131030 I4SJZ  
 08131142+IK8HSC 59+  
 08131233 IK5QGN/5 JN53  
 08131255 IK3GHR  
 08131306 IK2JEF JN55  
 08131309 I2ZZU  
 08131454 IV3NDC JN65  
 08131550+IV3NDC 59 (-1640)  
 08131953 I5MXX 599  
 08132054 I4SJZ 57 S G4UPS MS  
 08141005 I4SJZ OZ3ZW  
 08190822+IK3LLD 59 H G4UPS  
 08190829 IK3GLD 59 JN55QQ S G4UPS  
 08190829+IK4DRY 599 G4UPS  
 08190915+IK0MKK 59 G4UPS  
 08231923 I3LLH, IK3HHJ, I0JX -1953 SM3EQY  
 08231923+IV3EZJ, I4SJZ -1953 SM3EQY  
 08231940+I0JX, IK0GWG JN61 -2015 SM7AED/ ES  
 08231940+IK8GYL JN70, I4SZJ JN64 -2015 SM7AED/ ES  
 08261024 I3LLH 59 JN65 S G4UPS  
 08261400+I (SEVERAL) G4UPS  
 08281010+I3LLH 59 G4UPS

## LATVIA

08181900 YL3AG G3HBA  
 08181909 YL3AG 579 KO26AW C G4UPS

## LUXEMBOURG

07271806+LX0SIX/B 569 B GW4UPS  
 07271956 LX1JX 59 JO30 S GW4UPS

## MACEDONIA

08261511 Z32BU KN01 SM7AED ES

## MALTA

08021515 9H5DV JM75 SM7AED  
 08230800 9H1SIX/B 569 B G4UPS  
 08241755 9H5EE 57 (-1805) H G4UPS  
 08241755+9H5SIX/B 559 (-1805) B G4UPS

## NETHERLANDS

07180900 PE1OMC JO21 SM3EQY  
 0809 PE1MCD SM3EQY  
 08120750 PE1MCG OZ3ZW MS  
 08121038 PB0ALN SM3EQY  
 08130358 PA0HIP SM3EQY  
 08130830 PB0ANN 599 C G4UPS MS  
 08141036 PA2VST 579 C G4UPS MS

## NORTHERN IRELAND

08122130 GI4OWA OZ3ZW MS

## NORWAY

07110851 LA6QBA JP61 SM3EQY JP81  
 07181805 LA/DF9PX/P JP99 SM3JGG  
 07181807 LA/DF9PX JP99 SM3EQY  
 08080755 LA6QBA 55 GW4UPS  
 08100915 LA5TFA/P &2130 SM3EQY  
 08100956 LA5TFA/P JP61 SM7AED/ MS  
 08110604 LA6QBA/P JP61 SM7AED/ MS  
 08110630 LA6QBA/P OZ3ZW  
 08120630 LA7SIX/B S1-9+ CONT -1200 SM7AED/  
 08120900 LA5TFA/P JP89 SM7AED/  
 08122112 LA5TFA/P JP98 SM7AED/ MS  
 08122133 LA5TFA/P JP98 SM3EQY  
 08130834 LA5TFA/P JP98 SM3JGG  
 08140753 LA5TFA/P JP98 SM7AED/ MS  
 08190935 LA1IC JO59 SM3EQY

## POLAND

07180725 SP8MMZ KO11 SM3JGG  
 07181536 SP6CPH JO81 SM3JGG  
 07181946+SP9MRK JO90 -1956 SM3EQY  
 07190700 SP5CCC KO02, 0704 SP4TKK KO33 SM3JGG  
 07190723 SP8GVU JO81, 0725 SP3CMZ JO82 SM3JGG  
 07190728 SP6CPH JO81, 0731 SP6BTI JO81 SM3JGG  
 07190738 SP5ALV/P KO02 SM3JGG  
 07271751 SP6GZZ 59 JO81HI S GW4UPS



07271751+SR6SIX/B 599	B GW4UPS	08112210 YU1EU, 2215 YU1AS	OZ3ZW
07271754 SP9MRK 59 JO90 DICK	S GW4UPS	08112210 YU1EU KN04	SM7AED/ MS
07271909 SP5CCC 59 KO02	S GW4UPS	08130902 YU1ABA	SM7AED/
07272000+SP5EFO 599 -2020	GW4UPS	08131243+4N1SIX/B 599	B G4UPS
08120910 SP9PRO/7 KO10	SM7AED/	08140732 YU1AD	SM7AED/ MS
08120911 SP6GZZ	SM7AED/	08141021 YU1BT, 1024 YU1/I7CSB	OZ3ZW
08121107 SP6GWB JO80,1113 SP6BTI JO81	SM7AED/ MS	08240838 YU7AS 579 KN05	C G4UPS
08130822 SP8UFT KO11	SM7AED/ MS	08261400+YU	G4UPS
08131318+SP9BIF 59	H G4UPS	08261450 4N0SIX/B, 4N1SIX/B	B SM7AED ES
08131353 SP9PRO/7 59 KO10PU	S G4UPS	08261450 YU1SIX/B	B SM7AED ES
08140619 SP5EFO, SP6GZZ	H SM7AED/ MS	08261518 YU1MW	SM7AED ES
08171601 SP6OPZ 59 JO70XS	S G4UPS	08261529 YU1QC 599 KN04	C G4UPS
08180801 SP6GZZ 58 JO81HI	S G4UPS	08261531 YU1MW 599 KN04	C G4UPS
08181801+SR6SIX/B 599	B G4UPS	08280906 4N1SIX/B 579	B G4UPS
08181815 SP6GVU 579 JO81 ANDY	C G4UPS	08281010+YU1SIX/B 599	B G4UPS
08280846+SR6SIX/B 569	B G4UPS	08311849 YU1MW 579 KN04	C G4UPS
08311905 SR6SIX/B 579	B G4UPS	08311849+YU1SIX/B 579	B G4UPS
08311906 SP6RLA 59 JO81	S G4UPS	08311940 YU1IQ 579	G4UPS
		08311945 YU1EU 599 KN04 (<1955)	C G4UPS

## PORTUGAL

07221949 CT1LN IM67	SM3EQY
07271750-CT0WQW/B 599	B GW4UPS IO71IV
08190824 CT0WW/B 599	B G4UPS
08191100+CS8CBI 59	G4UPS
08191310 CT1DMK 59 IN50QP	S G4UPS
08210848 CS8CBI 59 (-0858)	H G4UPS
08240900 CT0WW/B 599 (<1130)	B G4UPS
08240905 CT1WW 59 IN61	S G4UPS
08241050 CS8CBI 59 (-1110)	G4UPS
08261030 CT0WW/B (-1100)	B SM7AED ES

## RHODES

08021103 SV5/PB0ALN	SM3EQY
---------------------	--------

## ROMANIA

07170608 YO7VJ	SM3EQY
08130752 YO2IS	SM7AED/ MS

## RUSSIAN FEDERATION (EUROPEAN)

07041409 R3VHF	SM3JGG JO71
07041922 RA3YO KO73	SM3JGG
07081056 R3VHF LO16	SM3JGG
07190628 R3VHF	SM3JGG
07190806 RA3YO KO73	SM3JGG
08020915 RUSSIAN? FM -1210 50.108 F	SM7AED
08021013 R3VHF	SM7AED
08021105 RA3YO	H SM7AED
08040910 R3VHF	H SM7AED/
08040910 RUSSIAN? TV	I SM7AED/ JO66
08041140 R FM+TV FM SE -1400 50.108 F	SM7AED/
08131215 RA3YO	H SM7AED/ ES
08171100 R FROM E INBAND TV -1330	I SM7AED ES
08181100 R FROM NE INBAND TV -1300	I SM7AED ES
08190720 RUSSIAN TV	I G4UPS

## SARDINIA

08021507 IS/IOER JN41	SM7AED
08131230 IS/IOER JN41	SM7AED/ ES
08190915 IS/IOER 579 JN41	C G4UPS
08230805 IS/IOER 559 JN41	C G4UPS
08231940+IS0AGY, IS0QDV JM49 -2015	SM7AED/ ES

## SCOTLAND

07181819 GM4DGT IO85	SM3JGG
07181843 GM0FKF IO74	SM3JGG
08120653 GM3WOJ	OZ3ZW MS
08121511 GM4IGS	SM3EQY
08130744 GB3LER/B 559 IN/OUT	B G4UPS
08140730+GB3LER/B 579	B G4UPS

## SERBIA

07161550 YU1VG	SM3EQY
07271806+4N1SIX/B 599	B GW4UPS
07271845+YU1SIX/B 559	B GW4UPS
07271917 YU1ABA 579 KN04	C GW4UPS
08020649 YU1AD	SM7AED JO65
08021753 YU1EU 579 FOR A FEW MIN	GW4UPS
08021913+YU1SIX/B 559	B GW4UPS
08061833+4N1SIX/B 579	B GW4UPS
08112112 YU7AS KN05	SM7AED/

## SICILY

08021537 IT9THD JM68	SM7AED
08131038 IT9NAN JM77	SM7AED/

## SLOVAKIA

07310906 OM3CBR JN88 -0928	SM3EQY
07310906+OM3BGW JN89 -0928	SM3EQY
07310906+OM3MX JN98 -0928	SM3EQY
08121404+OM3ID, OM3CBR (<1503)	OZ3ZW ES
08131550+OM (-1640)	G4UPS
08161428 OM40AA	H SM7AED MS

## SLOVENIA

07271806+S53ZO 59	GW4UPS
07271806+S55ZRS/B 599	B GW4UPS
07271845 S52CO 59	S GW4UPS
07271914 S51ZE 59 JN83DR	S GW4UPS
07271930 S59A 59	S GW4UPS
07271936 S51UF 599 JN76UP RUDI	C GW4UPS
08021913 S59A 599 JN76	C GW4UPS
08021917 S55ZRS/B 579 -2000	B GW4UPS
08042009 S59A 599 JN76, QSO 2027	C GW4UPS
08050806 S59A 59	S GW4UPS
08061833+S52CO 57 JN76 WK1842 -1900 S	GW4UPS
08120834 S57AC	OZ3ZW MS
08120918 S57AC	SM7AED/
08120920 S53ZW	SM7AED/
08120930 S58CO	SM7AED/
08121404+S53VV, S57A (<1503)	OZ3ZW ES
08121720 S57C 559	G4UPS
08121930 S52ZW 569	G4UPS
08122252 S57A & 2328	OZ3ZW MS
08131243+S55ZRS/B 599	B G4UPS
08131550+S5 (-1640)	G4UPS
08171704+S55ZRS/B 579 (-1715)	B G4UPS
08190829+S55ZRS/B 599	B G4UPS
08190924+S57AC 57	G4UPS
08261026+S51GW 579, S51UJ 599	G4UPS
08261050 S51UJ 59 JN76BI BANE (-1115)	G4UPS
08261515 S55ZRS/B 599 (<1545)	B G4UPS
08261526 S51UJ 579 JN76	C G4UPS
08261532 S51GW 599 JN76TQ	C G4UPS
08281010 S55ZRS/B 589	B G4UPS
08281021 S52CO 59 JN76HD	S G4UPS
08311849+S55ZRS/B 579	B G4UPS
08311915 S51GW 449, S53ZW 339	H G4UPS

## SPAIN

07221850 EH7CD IM86	SM3EQY
08021529 EH3/OZ1CDE JN12	SM7AED
08051724 EH5DY 55	GW4UPS
08051925 EA3VHF/B	B SM7AED/
08071756 EH7CD 59 IM86	S GW4UPS
08140730 EA3VHF/B 599	B G4UPS
08140845 EH1KV 599, EH1YV 59 -0858	G4UPS
08161000 EH7CD 59 IM86 (-1040)	S G4UPS
08191100 EH7CD 59	G4UPS
08191304 EH1TA/P 59 IN63BF	S G4UPS
08200820 EH1KV 559 IN52	C G4UPS
08281017 EH3IH JN11	SM7AED ES



## SWEDEN

07272059 SM7FJE 599 JO65  
 07312028 SM7AED 599 JO65  
 07312030 SM7FJE 599  
 08110509 SM3BIU JP73  
 08110625 SM3BIU  
 08110812 SM3EQY  
 08122034 SM3EQY JP81  
 08122034 SM7AED  
 08130800 SM7AED 559-599  
 08140753 SM7AED 579  
 08150752 SM7AED 579  
 08160755 SM7AED 579  
 08170801 SM7AED 579  
 08180752 SM7AED 559  
 08200800 SM7AED 579  
 08210800 SM7AED 579  
 08240800 SM7AED 599  
 08280800 SM7AED 579  
 08280926 SM7FJE 59 JO65  
 08280926+SM7CMV 57  
 08290752 SM7AED 579

C GW4UPS  
 C GW4UPS  
 H GW4UPS  
 SM7AED/ MS  
 OZ3ZW  
 OZ3ZW  
 SM7AED/ AUR  
 SM3EQY AU  
 C G4UPS  
 C G4UPS  
 C G4UPS ES?  
 C G4UPS  
 C G4UPS  
 C G4UPS  
 C G4UPS  
 C G4UPS  
 C G4UPS  
 C G4UPS  
 S G4UPS  
 G4UPS  
 C G4UPS

## SWITZERLAND

07181533 HB9SNR JN46  
 07181736+HB9STY JN36 -1749  
 07230636 HB9RU  
 08131239 HB0/HB9QQ 59 JN47TC

SM3JGG  
 SM3EQY  
 SM3EQY  
 S G4UPS

## WALES

07181839 GW6VZW IO91  
 08050801 GW4UPS/P  
 08120937 GW2KIY

SM3JGG  
 SM7AED/  
 OZ3ZW MS

## News of North America

I have included observations of FM and TV DX past mid-July from September's **VHF-UHF Digest**. (This is the official publication of the Worldwide TV-FM DX Association, PO Box 514, Buffalo, NY 14205-0514, U.S.A.). This month's reporters from that publication are: William Hepburn, Brampton, ON; Harry Hayes, Wilkes-Barre, PA; Frank Wheeler, Erie, PA; Leslie Wood, LI, NY; Doug Smith, Pleasant View, TN; Charles Gauthier, St-Lambert, PQ; Greg Coniglio, Williamsville, NY; Keith Smith, St. Ann, MO; William Draeb, Kewaunee, WI; John Ebeling, Prosser, MN; Randy Miltier (KK6TQ), Ashland, OR; Pat Dyer (WA5IYX), San Antonio, TX; Jeff Kadet, Macomb IL; William Eckberg, Dixon, IL; Joe Perge, Newark, OH; Bruce Hall, Brantford, ON; Rick Shafton, Rockaway, NJ; Bill Nienajady (KF2OK) Clifton, NJ; Mike Hawk, Omaha, NE; Saul Chernos, Toronto, ON (& / from Burnt River, ON); Peter George (N1GGP) Stoughton, MA; Doug Smith, Pleasant View, TN; Ralph Strobel, Muncie, IN; Doug Allen (W2CRS/0), Woodland Park, CO; Doug Smith (W9WI), Pleasant View, TN; and John Tudenham (W0JRP), Joplin, MO.

**CANADA:** John Boudreau, VE8EV posts from Inuvik, NWT, (somewhat optimistically): "I'll be making a serious attempt to work over the pole on 6m this winter from CP38. It will probably be December by the time I have my 300W amp finished. This will drive a 4 el yagi at 50'. I'll be happy to make scheds or collect phone #s for European beacon operators. I agree that it would probably be some combination of A and E skip. If it works, there's no reason not to give 2m a try over the same path... You never know!" SM7FJE says, however, "June's the month!"

07141443 CBWS MB, 1122 MI 92.7 F W9WI TN  
 07192357 CTMX ON, WINDSOR 88.7 F HAWK NE  
 07202240 CBFT-2 QUE 930 MI T KADET IL  
 07220100+VE6, VE7 -0500 K6QXY  
 07301529 VE1JC, VE1AHM (-1533) WB4WTC  
 0804 VE7 K6QXY  
 08111420 VE9AA WB4WTC  
 08120815 VE7RCN CN88 MS 50.135 S WB7QBS/KL7  
 08130300 VE7 K6QXY

**CUBA:** W9JUV writes "Still getting CO2KK cards out when I can--really tough communications with Cuba, but do get some info from Arnie, so tell everyone to be very, very patient."

08131510 CO2JA, CO2OJ (-1551) H WB4WTC  
 09112215 CO2KK (-2400) W3IWU

**GUANTANAMO, CUBA:** We picked up a note on the W6YX reflector that WI2T was planning to operate on 6 meters as KG4JO during the September VHF QSO party. Post-contest reports, however, indicate CO2s being worked but no KG4. Sometime in the future, perhaps?

## GUATEMALA

08011730 TGV-3

T WA5IYX

## MEXICO

07111858 XHRYA TM, REYNOSA 90.9 F W2CRS CO  
 07111900 XHAAA TM, REYNOSA 93.1 F W2CRS CO  
 07111903 XET NL, MONTERREY 94.1 F W2CRS CO  
 07111906 XHXL NL, MONTERREY 91.7 F W2CRS CO  
 07111918 XHSP NL, MONTERREY 99.7 F W2CRS CO  
 07111920 XHAWt NL, MONTERREY 101.3 F W2CRS CO  
 07111955 XHITS NL, MONTERREY 103.7 F W2CRS CO  
 07112000 XHIL NL, MONTERREY 106.1 F W2CRS CO  
 07112005 XHMNF BN, MEXICALI 92.3 F W2CRS CO  
 07161500 XE2UZL/B B K6QXY  
 07202000 XE2UZL/B -2100 B K6QXY  
 07211736 XHSRO NL, 1325 MI 92.5 F STROBEL IN  
 07261700 XE2HWB/B -1800 B K6QXY  
 07261944 XHLDO TA, 1194 MI 88.9 F STROBEL IN  
 07270030 XEFB-2 NL 1160 MI T KADET IL  
 07271525 XEFB-2 NL 1160 MI T KADET IL  
 07271614+XET-6 NL 1160 MI T KADET IL  
 0804 XE2 K6QXY  
 09110115 XE2HWB B K6QXY  
 09121959 XE2UZL/B 59 B N7YAG CN85  
 0916XXXX XE2UZL/B IN ALL DAY B K6QXY  
 09180113 XE1J DK89 PEPI K6QXY

## United States, W1

07202346 WFSB-3 CT 930 MI T KADET IL  
 07210000 WLBZ-2 ME 1150 MI T KADET IL  
 07210029 YAWW MA, WORCHESTER 91.9 F HAWK NE  
 07210036 WOKQ NH, DOVER 97.5 F HAWK NE  
 07210040 WVVE CT, STONINGTO 102.3 F HAWK NE  
 07210043 WFCC MA, CHATHAM 107.5 F HAWK NE  
 07210045 WRZE MA, NANTUCKET 96.3 F HAWK NE  
 07210053 WTIC CT, HARTFORD 96.5 F HAWK NE

## United States, W2

07200002 WCID NY, FRIENDSHIP 89.1 F HAWK NE  
 07200004 WDCX NY, BUFFALO 99.5 F HAWK NE  
 07200008 WPST NJ, TRENTON 97.5 F HAWK NE  
 07200013 WYXL NY, ITHICA 97.3 F HAWK NE  
 07200016 WBUF NY, BUFFALO 92.9 F HAWK NE  
 07210031 WALK NY, PATCHOUGE 97.5 F HAWK NE  
 07210035 WNYC NY, NEW YORK 93.9 F HAWK NE  
 07210058 WWFM NJ, TRENTON 89.1 F HAWK NE  
 07231600 NO ID NJ, MUF TO 91.7 F KF2OK NJ

## United States, W3

07191628 WGAY DC, WASHINGTON 99.5 F HAWK NE  
 07191638 WKYS DC, WASHINGTON 93.9 F HAWK NE  
 07191641 WCEI MD, EASTON 96.7 F HAWK NE  
 07191655 WHFS MD, ANNAPOLIS 99.1 F HAWK NE  
 07191659 WGTS MD, TAKOMA PAR 91.9 F HAWK NE  
 07191700 WPFW DC, WASHINGTON 89.3 F HAWK NE  
 07200023 WRKT PA, NORTHEAST 100.9 F HAWK NE  
 07210042 WAEB PA, ALLENTOWN 104.1 F HAWK NE  
 07210100 WTLR PA, STATE COL 89.9 F HAWK NE  
 07210100+W3 -0300 K6QXY  
 07210103 WARW MD, BETHESDA 94.7 F HAWK NE

## United States, W4

07141300 WYFB FL, GAINESVILL 90.5 F KF2OK NJ  
 07141407 WAAC GA, VALDOSTA 92.9 F KF2OK NJ  
 07141501 WAKX FL, 935 MI 92.9 F STROBEL IN  
 07141501 WGUF FL, 1009 MI 92.7 F STROBEL IN  
 07141541 WKRX NC, ELIZABETHT 96.7 F HAWK NE  
 07141547 WKGL NC, WINSTON-S 107.5 F HAWK NE  
 07141547 WRSF NC, COLUMBIA 105.7 F HAWK NE  
 07141548 WNHV NC, NAGS HEAD 92.5 F HAWK NE  
 07141549 WOWI VA, NORFOLK 102.9 F HAWK NE  
 07141553 WWWV VA, CHARLOTTE 97.5 F HAWK NE  
 07141555 WPCV FL, WINTER HAV 97.5 F HAWK NE  
 07141557 WLVH SC, HARDEEVIL 101.1 F HAWK NE



07141559	WXVS	GA, WAYCROSS	90.1	F	HAWK NE	07200100	WFSS	NC, FAYETTEVIL	91.9	F	HAWK NE
07141600	WFCH	SC, CHARLESTON	88.5	F	HAWK NE	07200115	WSKX	GA, HINESVILLE	92.3	F	CHERNOS/ONT
07141601	WJCT	FL, JACKSONVIL	89.9	F	HAWK NE	07200117	WEZY	FL, LAKELAND	94.1	F	CHERNOS/ONT
07141602	WWRM	FL, TAMPA	94.9	F	HAWK NE	07200123	WOGK	FL, OCALA	93.7	F	CHERNOS/ONT
07161218	WESH-2	FL		T	HAYES PA	07200124	WLWI	AL, MONTGOMERY	92.3	F	HAYES PA
07161228	WPBT-2	FL		T	HAYES PA	07200141	WEEJ	FL, 1122 MI	100.1	F	CONIGLIO NY
07161254	WSB-2	GA 575 MI		T	KADET IL	07200152	WTVY-4	FL 938 MI		T	HEPBURN ONT
07161300	WESH-2	FL 955 MI		T	KADET IL	07200155	WGSY	AL, 801 MI	100.1	F	CONIGLIO NY
07161300	WFMY-2	NC 665 MI		T	KADET IL	07200159	WDEF	TN, CHATANOOGA	92.3	F	CHERNOS/ONT
07161300	WWAY-3	NC 810 MI		T	KADET IL	07200159	WESH-2	FL 1020 MI		T	HEPBURN ONT
07161330	KMFQ	FL, OCALA	92.9	F	SHAFTON NJ	07200200	WCKO	AL, 844 MI	94.1	F	CONIGLIO NY
07161330	WCBD-2	SC 795 MI		T	KADET IL	07200202	WDLT	AL, CHICKASAW	98.3	F	CHERNOS/ONT
07161330	WEDU-3	FL 995 MI		T	KADET IL	07200207	WEBZ	FL, MEXICO BEA	99.3	F	CHERNOS/ONT
07161330	WUND-2	NC 835 MI		T	KADET IL	07200210	WPCV	FL, WINTER HAV	97.5	F	CHERNOS/ONT
07161336	WPAP	FL, PANAMA CIT	92.5	F	KF2OK NJ	07200214	WDJR	AL, ENTERPRISE	96.9	F	CHERNOS/ONT
07161427	WHIL	AL, MOBILE	91.3	F	KF2OK NJ	07200214	WZEW	AL, FAIRHOPE	92.1	F	KF2OK NJ
07161434	WZEW	AL, NEWHOPE	92.1	F	KF2OK NJ	07200216	WJBX	FL, FT MYERS	99.3	F	CHERNOS/ONT
07161442	WZEW	AL, FAIRHOPE	92.1	F	SHAFTON NJ	07200216	WPGG	AL, EVERGREEN	93.3	F	SHAFTON NJ
07161500	WESH-2	FL 1385 MI		T	EBELING MN	07200219	WOOF	AL, DOTHAN	99.7	F	CHERNOS/ONT
07162359	WAVE-3	KY 975 MI		T	WA5IYX	07200220	WLWI	AL, 837 MI	92.3	F	CONIGLIO NY
07170140	WNNT	VA, WARSAW	100.9	F	SHAFTON NJ	07200220	WMMK	FL, DESTIN	92.1	F	HAYES PA
07172355	WEDU-3	FL 1031 MI		T	ECKBERG IL	07200223	WHHY	AL, 837 MI	101.9	F	CONIGLIO NY
07172359	WEDU-3	FL 890 MI		T	SMITH MO	07200227	WLWI	AL, MONTGOMERY	92.3	F	CHERNOS/ONT
07180000	WEDU-3	FL 995 MI		T	KADET IL	07200228	WKSM	FL, FT WALTON	99.5	F	CHERNOS/ONT
07180000	WPBT-2	FL 1165 MI		T	KADET IL	07200229	WUAL	AL, 829 MI	91.5	F	CONIGLIO NY
07180000	WPST-2	FL 1229 MI		T	ECKBERG IL	07200235	WZEW	AL, FAIRHOPE	92.1	F	CHERNOS/ONT
07181500	WESH-2	FL 955 MI		T	KADET IL	07200259	WCBD-2	SC 900 MI		T	DRAEB WI
07181500	WPBT-2	FL 1165 MI		T	KADET IL	07200259	WESH-2	FL 1120 MI		T	DRAEB WI
07191351	WTKR-3	VA 805 MI		T	KADET IL	07200259	WJXT-4	FL 1060 MI		T	DRAEB WI
07191351	WUND-2	NC 835 MI		T	KADET IL	07201345	WWRM	FL, TAMPA	94.9	F	KF2OK NJ
07191354	WJXR	FL, MACCLENY	92.1	F	KF2OK NJ	07201354	WOGK	FL, OCALA	93.7	F	KF2OK NJ
07191420	WAAC	GA, VALDOSTA	92.9	F	KF2OK NJ	07201357	WYUU	FL, SAFETY HAR	92.5	F	SHAFTON NJ
07191426	WVOD	NC, MANTEO	99.1	F	HAWK NE	07201358	WEDU-3	FL 1102 MI		T	HEPBURN ONT
07191428	WCTQ	FL, VENICE	92.1	F	KF2OK NJ	07201358	WMFQ	FL, OCALA	92.9	F	KF2OK NJ
07191430	WPNC	NC, PLYMOUTH	95.9	F	HAWK NE	07201400	WFTT	FL, ST PETERS.	91.7	F	KF2OK NJ
07191430	WRAL-5	NC 735 MI		T	KADET IL	07201403	WOLZ	FL, FT MYERS	95.3	F	SHAFTON NJ
07191430	WUNC-4	NC 700 MI		T	KADET IL	07201405	WTLN	FL, APOPKA	95.3	F	SHAFTON NJ
07191435	WQKI	SC, 782 MI	93.9	F	SMITH WI	07201410	WJXT-4	FL 930 MI		T	HEPBURN ONT
07191436	WGOR	GA, 750 MI	93.9	F	SMITH WI	07201415	WESH-2	FL		T	WHEELER PA
07191436	WMHK	SC, 746 MI	89.7	F	SMITH WI	07201415	WJXR	FL, MACCLENN	92.1	F	CHERNOS/ONT
07191448	WAPE	FL, 1002 MI	95.1	F	SMITH WI	07201419	WESH-2	FL 1020 MI		T	HEPBURN ONT
07191452	WQOK	VA, S BOSTON	97.5	F	HAWK NE	07201420	WXTB	FL, CLEARWATER	97.9	F	CHERNOS/ONT
07191453	WTND	NC, GRIFTON	99.5	F	HAWK NE	07201421	WZZR	FL, STUART	92.7	F	CHERNOS/ONT
07191454	WKZL	NC, WINSTON-S	107.5	F	HAWK NE	07201429	WTVY-4	AL		T	WHEELER PA
07191456	WJCL	GA, 898 MI	96.5	F	SMITH WI	07201430	WEDU-3	FL		T	WHEELER PA
07191459	WKGK	NC, KINSTON	102.9	F	HAWK NE	07201433	WCMQ	FL, HIALEAH	92.3	F	CHERNOS/ONT
07191500	WECT-6	NC 780 MI		T	KADET IL	07201446	WMMK	FL, DESTIN	92.1	F	KF2OK NJ
07191505	WPTM	NC, ROANOKE R	102.3	F	HAWK NE	07201452	WLRQ	FL, COCOA	99.3	F	CHERNOS/ONT
07191508	WKNC	NC, RALEIGH	88.1	F	HAWK NE	07201454	WUWF	FL, PENSACOLA	88.1	F	KF2OK NJ
07191512	WFXX	NC, TARBORO	104.3	F	HAWK NE	07201455	WDIZ	FL, 1002 MI	100.3	F	CONIGLIO NY
07191513	WVFJ	GA, MANCHESTER	93.3	F	KF2OK NJ	07201455	WLVE	FL, MIAMI BEAC	93.9	F	CHERNOS/ONT
07191514	WAYL	FL, 920 MI	91.9	F	SMITH WI	07201455	WPBT-2	FL 1223 MI		T	HEPBURN ONT
07191514	WBGA	GA, 968 MI	102.5	F	SMITH WI	07201459	WTVJ-4	FL		T	GAUTHIER QUE
07191514	WBYB	GA, 968 MI	100.7	F	SMITH WI	07201500	WUCF	FL, ORLANDO	89.9	F	CHERNOS/ONT
07191514	WOLS	AL, OZARK	103.9	F	SHAFTON NJ	07201501	WQCS	FL, FT PIERCE	88.9	F	CHERNOS/ONT
07191520	WKSJ	AL, MOBILE	94.9	F	KF2OK NJ	07201503	WJIS	FL, BRADENTON	88.1	F	CHERNOS/ONT
07191523	WEGR	TN, 816 MI	102.7	F	CONIGLIO NY	07201510	WEBZ	FL, 973 MI	99.3	F	CONIGLIO NY
07191530	WZKB	NC, WALLACE	94.3	F	HAWK NE	07201527	WAYF	FL, 980 MI	88.1	F	STROBEL IN
07191538	WQSM	NC, FAYETTEVIL	98.1	F	HAWK NE	07201529	WEGS	FL, MILTON	91.7	F	SHAFTON NJ
07191542	WJQI	VA, VIRGINIA B	94.9	F	HAWK NE	07201530	WPBT-2	FL		T	WHEELER PA
07191546	WNEU	NC, DUNN	94.5	F	HAWK NE	07201531	WMTX	FL, 1067 MI	95.7	F	CONIGLIO NY
07191550	WBT	NC, CHARLOTTE	107.9	F	HAWK NE	07201533	WDJR	AL, ENTERPRISE	96.9	F	SHAFTON NJ
07191552	WKZQ	SC, MYRTLE BE	101.7	F	HAWK NE	07201536	WRJM	AL, GENEVA	93.7	F	KF2OK NJ
07191553	WKOC	NC, ELIZABETH	94.3	F	HAWK NE	07201537	WMGR	GA, BAINBRIDGE	97.3	F	SHAFTON NJ
07191554	WEGX	SC, DILLON	92.9	F	HAWK NE	07201538	WAVH	AL, MOBILE	96.1	F	KF2OK NJ
07191557	WDAV	NC, DAVIDSON	89.9	F	HAWK NE	07201540	WEDR	FL, 1178 MI	99.1	F	CONIGLIO NY
07191558	WHRO	VA, NORFOLK	90.3	F	HAWK NE	07201541	WOVV	FL, 1098 MI	95.5	F	CONIGLIO NY
07191559	WHRV	VA, NORFOLK	89.5	F	HAWK NE	07201543	WWKA	FL, 1002 MI	92.3	F	CONIGLIO NY
07191600	WGWG	NC, BOILING SP	88.3	F	HAWK NE	07201548	WTNT	FL, TALLAHASSE	94.9	F	KF2OK NJ
07191612	WMJE	GA, CLARKESVI	102.9	F	HAWK NE	07201549	WWRM	FL, 1066 MI	94.9	F	CONIGLIO NY
07191613	WPCH	GA, 760 MI	94.9	F	SMITH WI	07201551	WOWW	FL, PENSACOLA	107.3	F	KF2OK NJ
07191616	WCOS	SC, COLUMBIA	97.5	F	HAWK NE	07201552	WOLZ	FL, 1155 MI	95.3	F	CONIGLIO NY
07191619	WQIK	FL, 1040 MI	99.1	F	SMITH WI	07201554	WTRS	FL, 975 MI	102.3	F	CONIGLIO NY
07191621	WSSL	SC, GRAY COUR	100.5	F	HAWK NE	07201556	WUSA	FL, 1055 MI	100.7	F	CONIGLIO NY
07191624	WTRZ	TN, 647 MI	103.1	F	SMITH WI	07201559	WFTI	FL, 1073 MI	91.7	F	CONIGLIO NY
07191639	WWWV	VA, CHARLOTTES	97.5	F	HAWK NE	07201600	WNFB	FL, 917 MI	94.3	F	CONIGLIO NY
07192000	WESH-2	FL 983 MI		T	ECKBERG IL	07201600	WPCV	FL, WINTER HAV	97.5	F	HAWK NE
07192355	WESH-2	FL		T	HAYES PA	07201601	WRBQ	FL, TAMPA	104.7	F	HAWK NE
07192357	WEDU-3	FL		T	HAYES PA	07201603	WQBA	FL, MIAMI	107.5	F	HAWK NE
07200033	WCOS	SC, COLUMBIA	97.5	F	HAWK NE	07201605	WTMI	FL, MIAMI	93.1	F	HAWK NE
07200047	WJYR	SC, MYRTLE BEA	92.1	F	HAWK NE	07201607	WCIE	FL, LAKELAND	91.1	F	HAWK NE
07200050	WTUG	AL, TUSCALOOSA	92.9	F	KF2OK NJ	07201610	WCTV-6	GA 897 MI		T	CONIGLIO NY
07200058	WEDU-3	FL		T	WHEELER PA	07201610	WSGL	FL, NAPLES	103.1	F	HAWK NE



07201614	WAIA	FL, CALLAHAN	93.3	F	CHERNOS/ONT	07161658	WWL-4	LA 1010 MI		T	DRAEB WI
07201615	WOGK	FL, Ocala&1629	93.7	F	CHERNOS/ONT	07161700	KOMA	OK, 1125 MI	92.5	F	CONIGLIO NY
07201615	WTMI	FL, MIAMI	93.1	F	PERGE OH	07161725	KYIS	OK, 1125 MI	98.9	F	CONIGLIO NY
07201615	WUWF	FL, 683 MI	88.1	F	STROBEL IN	07161800	WWL-4	LA 1190 MI		T	EBELING MN
07201624	WAYG	FL, 1369 MI	89.1	F	SMITH WI	07170314	WBRZ-2	LA		T	HEPBURN ONT
07201624	WFLZ	FL, TAMPA	93.3	F	CHERNOS/ONT	07170336	KATC-3	LA		T	HEPBURN ONT
07201630	WJYR	SC, MYRTLE BEA	92.1	F	WOJRP MO	07191357	KETR	TX, COMMERCE	88.9	F	KF2OK NJ
07201630	WPCS	FL, 683 MI	89.5	F	STROBEL IN	07191416	KVOM	AR, MORRILTON	101.7	F	SHAFTON NJ
07201638	WYNR	GA, DARIEN	107.7	F	HAWK NE	07191427	KHPQ	AR, CLINTON	92.1	F	SHAFTON NJ
07201640	WWWZ	FL 858 MI	93.3	F	WOJRP MO	07191431	KISR	AR, FT SMITH	93.7	F	KF2OK NJ
07201643	WQIK	FL, JACKSONVIL	99.1	F	HAWK NE	07191445	KCTT	AR, YELLVILLE	97.7	F	SHAFTON NJ
07201647	WEDG	FL, EDGEWATER	93.1	F	HAWK NE	07191445	KICM	OK, HEALDTON	105.7	F	KF2OK NJ
07201702	WVOZ	SC 760 MI	89.3	F	WOJRP MO	07191500	WYMX	MS, 900 MI	99.1	F	CONIGLIO NY
07201706	WUFF	GA, EASTMAN	97.5	F	HAWK NE	07191505	KFXT	OK, SULPHUR	100.9	F	SHAFTON NJ
07201715	WOKF	GA, FOLKSTON	92.5	F	HAWK NE	07191508	KRVV	LA, 1011 MI	100.1	F	CONIGLIO NY
07201716	WKGK	FL, PANAMA CIT	90.7	F	CHERNOS/ONT	07191510	KXKZ	LA, 1054 MI	107.5	F	CONIGLIO NY
07201717	WEDU-3	FL 1192 MI		T	DRAEB WI	07191514	KSEL	NM, 1072 MI	95.3	F	STROBEL IN
07201720	WKSTt	FL, GIFFORD	94.7	F	HAWK NE	07191515	KAGH	AR, 993 MI	104.9	F	CONIGLIO NY
07201726	WRRN	SC, MURRELLES	94.5	F	WOJRP MO	07191520	KBVA	AR, BELLA VIS	106.5	F	SHAFTON NJ
07201730	WTVY-4	FL 715 MI		T	KADET IL	07191520	KJLO	LA, 1029 MI	104.1	F	CONIGLIO NY
07201804	WEDU-3	FL 890 MI		T	SMITH MO	07191524	KMML	TX, 962 MI	96.9	F	STROBEL IN
07202359	KDTN-2	TN 1203 MI		T	HEPBURN ONT	07191524	WRXQ	MS, 816 MI	95.7	F	CONIGLIO NY
07210051	WECT-6	NC 885 MI		T	DRAEB WI	07191525	KCLV	NM, 1059 MI	99.1	F	STROBEL IN
07210051	WUNC-4	NC 850 MI		T	DRAEB WI	07191528	KKYC	NM, 1059 MI	102.3	F	STROBEL IN
07210051	WWAY-3	NC 885 MI		T	DRAEB WI	07191529	KVOO	OK, TULSA	98.5	F	SHAFTON NJ
07210100	WQOX	TN, MEMPHIS	88.5	F	CHERNOS ONT	07191530	KMCO	OK, MCALLISTE	101.3	F	SHAFTON NJ
07210100+W4		-0300			K6QXY	07191530	KVMA	AR, 1037 MI	107.9	F	CONIGLIO NY
07210200	WEDU-3	FL		T	HAYES PA	07191531	KGAS	TX, 1138 MI	104.3	F	CONIGLIO NY
07210200	WEDU-3	FL 1192 MI		T	DRAEB WI	07191532	KEOK	OK, TALLAQUAH	101.7	F	SHAFTON NJ
07210200	WTVY-4	FL 995 MI		T	DRAEB WI	07191537	KLBO	AR, 1017 MI	98.7	F	CONIGLIO NY
07211441	WSAV-3	GA 1040 MI		T	WA5IYX	07191539	KGRM	LA, GRAMBLING	91.5	F	CHERNOS ONT
07211459	WAVE-3	KY 975 MI		T	WA5IYX	07191539	KWKH	LA, 1092 MI	94.5	F	CONIGLIO NY
07211546	WWAY-3	NC 1235 MI		T	WA5IYX	07191540	KRXQ	OK, OKLAHOMA	107.7	F	SHAFTON NJ
07211607	WSB-2	GA 885 MI		T	WA5IYX	07191540	WJXN	MS, 844 MI	92.9	F	SMITH WI
07211612	WBTB-3	NC 1090 MI		T	WA5IYX	07191547	KENW	NM, 1072 MI	89.7	F	STROBEL IN
07211618	WFMY-2	NC 1175 MI		T	WA5IYX	07191550	KBUY	TX, 962 MI	94.1	F	STROBEL IN
07211710	WEDU-3	FL 995 MI		T	KADET IL	07191551	KJMI	MS, JACKSON	99.7	F	SHAFTON NJ
07211710	WPST-2	FL 1165 MI		T	KADET IL	07191551	KSSN	AR, 931 MI	95.7	F	CONIGLIO NY
07211950	WWAY-3	NC 885 MI		T	DRAEB WI	07191551	WTGE	LA, 963 MI	100.7	F	SMITH WI
07231529	WBTB-3	FL		T	GAUTHIER QUE	07191552	KXLS	OK, ALVA	99.7	F	SHAFTON NJ
07240309	WJXT-4	FL		T	GAUTHIER QUE	07191556	KMKV	AR, 948 MI	106.7	F	CONIGLIO NY
07271533	WKRN-2	TN 820 MI		T	WA5IYX	07191600	K214BV	TX, tr WAFR	90.7	F	STROBEL IN
07271651	WAVE-3	KY 975 MI		T	WA5IYX	07191600	KDON	AR, 1049 MI	92.7	F	CONIGLIO NY
07271730	WESH-2	FL 955 MI		T	KADET IL	07191600	KFDX-2	TX		T	WHEELER PA
07271758	WPBT-2	FL 1165 MI		T	KADET IL	07191600	KSYE	OK, 850 MI	91.5	F	STROBEL IN
07311429	WKRN-2	TN 820 MI		T	WA5IYX	07191602	KDAQ	LA, SCHREVEPOR	89.9	F	CHERNOS ONT
08010030	WCBD-2	SC 795 MI		T	KADET IL	07191603	KBUS	TX, 1116 MI	101.9	F	CONIGLIO NY
08010200	WESH-2	FL 955 MI		T	KADET IL	07191604	KQKt	TX, GALVESTON	106.5	F	SMITH WI
08012328	WBTB-3	NC 1090 MI		T	WA5IYX	07191606	KHYI	TX, 1178 MI	95.3	F	CONIGLIO NY
08040050	WSLY	AL, YORK 896	104.9	F	CONIGLIO NY	07191612	KMMY	OK, 1039 MI	97.1	F	CONIGLIO NY
09112215	W4	FL (-2400)			W3IWU	07191614	KZKZ	AR, 991 MI	106.3	F	CONIGLIO NY
09112300	W4	AL			H K06CL	07191615	KATP	TX, 962 MI	101.9	F	STROBEL IN
09120132+W4	FL, EM78,92,97	(<0300)			N6PYI DM05	07191616	KLBC	OK, 1141 MI	107.1	F	CONIGLIO NY
09120257	AA4S				H K06ET	07191618	KMCO	OK, 1064 MI	101.3	F	CONIGLIO NY
						07191618	KRDF	TX, 902 MI	98.3	F	STROBEL IN
						07191621	KAMO	AR, 941 MI	94.3	F	CONIGLIO NY
						07191622	KEZA	AR, 954 MI	107.9	F	CONIGLIO NY
						07191627	KFOR-4	OK		T	WHEELER PA
						07191629	KDTN-2	TX 1203 MI		T	HEPBURN ONT
						07191629	KJRH-2	OK 992 MI		T	HEPBURN ONT
						07191630	KJRH-2	OK		T	WHEELER PA
						07191633	KSWP	TX, 1002 MI	90.9	F	SMITH WI
						07191635	KARW	TX, 1135 MI	93.7	F	SMITH WI
						07191635	KBQ	TX, 1135 MI	92.9	F	SMITH WI
						07191635+KIKK	TX, 1135 MI		95.7	F	SMITH WI
						07191635+KLDE	TX, 1135 MI		94.5	F	SMITH WI
						07191637	KMAG	AR, FT SMITH	99.1	F	CHERNOS ONT
						07191638	KXLS	OK, 1125 MI	99.7	F	CONIGLIO NY
						07191639	KYIS	OK, OKLAHOMA C	98.9	F	CHERNOS ONT
						07191640	KBEZ	OK, 1035 MI	92.9	F	CONIGLIO NY
						07191650	KLOR	OK, PONCA CITY	99.3	F	CHERNOS ONT
						07191652	KFOR-4	OK 1093 MI		T	HEPBURN ONT
						07191654	WQID	MS, 996 MI	93.7	F	SMITH WI
						07191657	KMRK	TX, 1198 MI	96.1	F	SMITH WI
						07191700	KENW-3	NM 1170 MI		T	DRAEB WI
						07191700	KNMI	NM, 1257 MI	88.9	F	STROBEL IN
						07191701	KOMX	TX, PAMPA CIT	100.3	F	CHERNOS ONT
						07191704	KWOX	OK, WOODWARD	101.1	F	CHERNOS ONT
						07191710	KMOL-4	TX 1190 MI		T	DRAEB WI
						07191729	KAMR-4	TX 991 MI		T	DRAEB WI
						07200029	KEBC	OK, OKLAHOMA C	94.7	F	CHERNOS/ONT
						07200043	KBUY	TX, AMARILLO	94.1	F	CHERNOS/ONT
						07200043	WJMG	MS, HATTIESBUR	92.1	F	KF2OK NJ

**United States, W5**

07111857	KOIRt	TX, EDINBURG	88.5	F	W2CRS CO						
07111908	KFRQ	TX, HARLINGEN	94.5	F	W2CRS CO						
07111928	KSTX	TX, SAN ANTONI	89.1	F	W2CRS CO						
07111930	KYFS	TX, SAN ANTONI	90.9	F	W2CRS CO						
07111940	KZSP	TX, S PADRE I	95.3	F	W2CRS CO						
07111944	KALP	TX, ALPINE	92.7	F	W2CRS CO	600M					
07141354	KENW	NM, 928 MI	89.5	F	W9WI TN						
07141400	WMJY	MS, BILOXI	93.7	F	KF2OK NJ						
07141424	KKDL	NM, 851 MI	95.1	F	W9WI TN						
07141425	KQHTt	NM, CROOKSTON	96.1	F	W9WI TN						
07141435	KNIN	TX, WICHITA FA	92.9	F	KF2OK NJ						
07141532	KNTU	TX, 808 MI	88.1	F	STROBEL IN						
07141538	KGNZ	TX, 961 MI	88.1	F	STROBEL IN						
07141556	KQIZ	TX, 1344 MI	93.1	F	CONIGLIO NY						
07141558	WBBN	MS, 981 MI	95.9	F	CONIGLIO NY						
07141641	KNLE	TX, 963 MI	88.1	F	STROBEL IN						
07141645	KSTX	TX, 1050 MI	89.1	F	STROBEL IN						
07141823	KENW	NM, 1072 MI	89.5	F	STROBEL IN						
07151458	KETS-2	AR		T	WHEELER PA						
07161340	KCKR	TX, 1300 MI	95.5	F	CONIGLIO NY						
07161410	KEOM	TX, 1202 MI	88.5	F	CONIGLIO NY						
07161441	WMJY	MS, BILOXI	93.7	F	KF2OK NJ						
07161500-W5					K6QXY						
07161640	KYKC	OK, 1120 MI	100.1	F	CONIGLIO NY						
07161641	KKAJ	OK, 1168 MI	95.7	F	CONIGLIO NY						
07161657	KACV-2	TX 803 MI		T	ECKBERG IL						



07200047	KACV	TX, AMARILLO	89.9	F	CHERNOS/ONT	07262320	KENW-3	NM 1330 MI		T	KK6TQ/7 OR
07200115	WQUE	LA, NEW ORLEAN	93.3	F	KF2OK NJ	07270100	KENW-3	NM 1330 MI		T	KK6TQ/7 OR
07200120	WCKW	LA, LAPLACE	92.3	F	HAYES PA	07271549	KLUX	TX, 1109 MI	89.5	F	STROBEL IN
07200131	WJMI	MS, JACKSON	99.7	F	KF2OK NJ	07271558	WOCK	LA, CLINTON	92.7	F	SHAFTON NJ
07200142	WXYK	MS, 1022 MI	105.9	F	CONIGLIO NY	07271600	KACB-3	TX		T	SMITH TN
07200143	KXPT	AR, LITTLE RO	94.1	F	KF2OK NJ	07271600	KJEF	LA, JENNINGS	92.9	F	SHAFTON NJ
07200148	KCMA	OK, BROKEN AR	92.1	F	KF2OK NJ	07271610	WJMI	MS, JACKSON	99.7	F	SHAFTON NJ
07200151	KBEZ	OK, TULSA	92.9	F	KF2OK NJ	07271614	KIII-3	TX 970 MI		T	KADET IL
07200156	WJDQ	MS, MERIDIAN	101.3	F	KF2OK NJ	07271614	KRGV-5	TX 1070 MI		T	KADET IL
07200158	WRKF	LA, 1097 MI	89.3	F	CONIGLIO NY	07271614+KDBC-4	TX 1065 MI			T	KADET IL
07200200	WMPR	MS, 970 MI	90.1	F	CONIGLIO NY	07271630	W5				K6QXY
07200201	WEEZ	MS, HEIDELBERG	99.3	F	CHERNOS/ONT	07271646	KHID	TX, 1219 MI	88.1	F	STROBEL IN
07200201	WMAW	MS, 915 MI	88.1	F	CONIGLIO NY	07271652	KHOY	TX, 1193 MI	88.1	F	STROBEL IN
07200205	WKNN	MS, PASCAGOULA	99.1	F	CHERNOS/ONT	08010241	KMID-2	TX 865 MI		T	KADET IL
07200215	WSYE	MS, HOUSTON	93.3	F	CHERNOS/ONT	08101600	W5				K6QXY
07200217	WCKW	LA, LAPLACE	92.3	F	CHERNOS/ONT	09112215	W5 AR, TX, OK	(-2400)			W3IWU
07200221	KZHE	AR, STAMPS	100.5	F	KF2OK NJ	09112215+W3XO/5	EM00	(-120030)			W3IWU
07200230	KARK-4	AR		T	HAYES PA	09112300+W5	LA			H	KO6CL
07200231	KOMA	OK, OKLAHOMA C	92.5	F	KF2OK NJ	09120205	W5AL	DM95			KO6ET
07200246	WRNO	LA, NEW ORLEAN	99.5	F	CHERNOS/ONT	09120210	W5DO	DM65			KO6ET
07200249	WJSU	MS, 970 MI	88.5	F	CONIGLIO NY	09120212	W5IXR	DM76			KO6ET
07200259	WZMP	MS, MARION	95.1	F	CHERNOS/ONT	09120239	KB5GY	DM64			KO6ET
07201408	KADU	LA, RESERVE	94.9	F	SHAFTON NJ	<b>United States, W6</b>					
07201434	KRVE	LA, BRUSLY	96.1	F	KF2OK NJ	07110300	K6FV/B	CM87		B	N7DB
07201436	WZMPt	MS, MARION	95.1	F	KF2OK NJ	07160058	K6FV/B	CM87		B	N7DB CN85
07201506	KRTS	TX, SEABROOK	92.1	F	SHAFTON NJ	08110201	K6FV/B	CM87		B	N7DB CN85
07201510	WTKL	LA, NEW ORLEAN	95.7	F	SHAFTON NJ	09120154	WA6QAK	DM98			KO6ET
07201521	WQUE	LA, NEW ORLEAN	93.3	F	SHAFTON NJ	09120159	WD6HDY	CN71			KO6ET
07201523	KQKI	LA, MORGAN CIT	95.3	F	SHAFTON NJ	09120206	KA6VNU	CM98			KO6ET
07201531	WBAD	MS 1423 KM	94.3	F	HALL ONT	09120209	W6RCW	CM95			KO6ET
07201542	KYKZ	LA 1839 KM	96.1	F	HALL ONT	09120222	KC6UDS	CM89			KO6ET
07201550	KDZR	TX 1836 KM	99.1	F	HALL ONT	09120225	KD6FYK	CM88			KO6ET
07201606	KNUE	TX 1782 KM	101.5	F	HALL ONT	<b>United States, W7</b>					
07201608	WQID	MS, BILOXI	93.7	F	SHAFTON NJ	07141606	KTRS	WY, 1392 MI	95.5	F	CONIGLIO NY
07201609	KRMD	LA 1671 KM	101.1	F	HALL ONT	07161500	-W7				K6QXY
07201614	WQUE	LA, NEW ORLEAN	93.3	F	KF2OK NJ	07171728	KVBC-3	NV 1050 MI		T	WA5IYX
07201620	WLUN	MS, LUMBERTON	95.3	F	PERGE OH	07220100+W7		-0500			K6QXY
07201625	WBBN	MS, TAYLORSVIL	95.9	F	PERGE OH	07262315	KTVK-3	AZ 985 MI		T	KK6TQ/7 OR
07201626	KSMB	LA, LAFAYETTE	94.5	F	SHAFTON NJ	08010030	KRTV-3	MT 1242 MI		T	SMITH MO
07201630	WTGE	LA, BATON ROU	100.7	F	PERGE OH	08061900	W7	-2000			K6QXY
07201630	WWL-4	LA		T	WHEELER PA	08101800	W7/W6SKC/B			B	K6QXY
07201632	WMAA	MS, MERIDIAN	88.1	F	PERGE OH	08120706	K7RWT	CN85	MS 50.135	S	WB7QBS/KL7
07201634	WYNK	LA, 1116 MI	101.5	F	CONIGLIO NY	08120708	KE7CX	CN85	MS 50.135	S	WB7QBS/KL7
07201635	WBRH	LA, BATON ROU	90.3	F	PERGE OH	08120711	W7PQE	CN96	MS 50.135	S	WB7QBS/KL7
07201640	WDSU-6	LA 1093 MI		T	CONIGLIO NY	08120713	N7DB	CN85	MS 50.135	S	WB7QBS/KL7
07201700	WRBH	LA, 755 MI	88.3	F	STROBEL IN	08120716	KA7AND	CN87	MS 50.135	S	WB7QBS/KL7
07201702	WWOZ	LA, 755 MI	90.7	F	STROBEL IN	08120744	K7TM	DN13	MS 144.225	S	WB7QBS/KL7
07201719	KQKI	LA, 797 MI	95.3	F	STROBEL IN	08120807	W7HAH	DN26	MS 50.135	S	WB7QBS/KL7
07201724	KQUE	LA, 755 MI	93.3	F	STROBEL IN	08120809	WA7UQV	CN87	MS 50.135	S	WB7QBS/KL7
07201730	WBRZ-2	LA		T	WHEELER PA	08120814	N7AUV	DN07	MS 50.135	S	WB7QBS/KL7
07201736	KLSU	LA, 752 MI	91.1	F	STROBEL IN	08120817	K7RWT	CN85	MS 50.135	S	WB7QBS/KL7
07201738	KMDL	LA, 804 MI	97.3	F	STROBEL IN	08120920	WJ7Z	CN87	MS 50.135	S	WB7QBS/KL7
07201745	WBKN	MS, BROOKHAVEN	92.1	F	SHAFTON NJ	08120946	WA7UQV	CN87	MS 144.225	S	WB7QBS/KL7
07201805	KJEF	LA, 802 MI	92.9	F	STROBEL IN	08120950	KD7TS	CN87	MS 144.225	S	WB7QBS/KL7
07210039	KEBC	OK, 1125 MI	94.7	F	CONIGLIO NY	08121037	K7ND	CN87	MS 144.225	S	WB7QBS/KL7
07210114	KEOM	TX, MESQUITE	88.5	F	CHERNOS ONT	08121039	N7AUV	DN07	MS 144.225	S	WB7QBS/KL7
07210128	KVTT	TX, DALLAS	91.7	F	CHERNOS ONT	08121110	WB7PEK	CN86	MS 50.135	S	WB7QBS/KL7
07210129	KYKC	OK, 1120 MI	100.1	F	CONIGLIO NY	08121144	W7FHJ	CN96	MS 144.225	S	WB7QBS/KL7
07210134	KFXT	OK, 1146 MI	100.9	F	CONIGLIO NY	08121202	K7ND	CN87	MS 50.135	S	WB7QBS/KL7
07210200	KJRH-2	OK		T	WHEELER PA	09120152	NF7P	DM09			KO6ET
07210201	KFDX-2	TX		T	WHEELER PA	09120207	KG7CN	DN23			KO6ET
07211615	KMID-2	TX 967 MI		T	ECKBERG IL	09120208	W7ID	DN13			KO6ET
07211710	KGBT-4	TX 1070 MI		T	KADET IL	09122000	N7USU	DM26			N7YAG CN85
07211727	KIDY-6	TX 820 MI		T	KADET IL	09122006	K7CA	DM26 59+			N7YAG CN85
07211727	KIII-3	TX 970 MI		T	KADET IL	<b>United States, W8</b>					
07211744	KXTN	TX, 1050 MI	107.5	F	STROBEL IN	07161733	WDTN-2	OH 1075 MI		T	WA5IYX
07211747	KRIO	TX, 1054 MI	94.1	F	STROBEL IN	07200027	WZOO	OH, EDGEWOOD	102.5	F	HAWK NE
07211752	KXPZ	TX, 1074 MI	91.3	F	STROBEL IN	07200030	WUJC	OH, UNIV. HGT.	88.7	F	HAWK NE
07211758	KQXT	TX, 1050 MI	101.9	F	STROBEL IN	07210100+W8		-0300			K6QXY
07211759	KMFA	TX, 978 MI	89.5	F	STROBEL IN	07210130	WZAK	OH, 700 MI	88.3	F	W0JRP MO
07211801	KPEZ	TX, 978 MI	102.3	F	STROBEL IN	07220159	WSAZ-3	WV 1125 MI		T	WA5IYX
07211805	KHHT	TX, 934 MI	93.3	F	STROBEL IN	07261758	WKYC-3	OH 1255 MI		T	WA5IYX
07211824	KFTG	TX, 914 MI	88.1	F	STROBEL IN	07261827	WJBK-2	MI 1240 MI		T	WA5IYX
07211827	KNTU	TX, 808 MI	88.1	F	STROBEL IN	07261859	WWMT-3	MI 1160 MI		T	WA5IYX
07211850	KGNZ	TX, 961 MI	88.1	F	STROBEL IN	07271600	WDTN-2	OH 1075 MI		T	WA5IYX
07211854	KDCD	TX, 1036 MI	92.9	F	STROBEL IN	<b>United States, W9: Joe, W9JUV, writes: "Just got my</b>					
07211900	KACB-3	TX 669 MI		T	SMITH MO	<b>VP5/W6JKV card, for #72 confirmed (out of 73 worked); very quiet</b>					
07211900	KCEN-6	TX 730 MI		T	KADET IL						
07211910	KQIP	TX, 1110 MI	96.9	F	STROBEL IN						
07211930	KACB-3	TX 815 MI		T	KADET IL						
07211930	KDTN-2	TX 645 MI		T	KADET IL						
07212230	WLBT-3	MS		T	WOOD NY						
07261721	KLUX	TX, 1109 MI	89.5	F	STROBEL IN						



summer, with some new grid squares only."

07161801	WBBM-2	IL	1055 MI	T	WA5IYX
07170130	WYKY	WI,	COLUMBUS 100.5	F	SHAFTON NJ
07201625	WBAY-2	WI	1185 MI	T	WA5IYX
07210006	WIPA	IL,	PITTSFIELD 89.3	F	N1GGP MA
07210100+W9			-0300	K6QXY	
07262022	WBAY-2	WI	1185 MI	T	WA5IYX
07262128	WBBM-2	IL	1055 MI	T	WA5IYX
07262357	WISC-3	WI	1060 MI	T	WA5IYX
09120132+W9	WI,	EN44	(<0300)	N6PYI	DM05
09120150	K9MLK	EM12		KO6ET	

#### United States, W0

07140240	KCMI	NE,	TERRYTOWN 96.9	F	PERGE OH
07141348	KXPK	CO,	1012 MI 96.5	F	W9WI TN
07141408	KXRA	MN,	ALEXANDRIA 92.3	F	W9WI TN
07141415	KDPR	ND,	1082 MI 89.9	F	W9WI TN
07141432	KNTN	MN,	935 MI 102.7	F	W9WI TN
07141537	KMUW	KS,	665 MI 89.1	F	STROBEL IN
07141651	KTSC	CO,	1038 MI 89.5	F	STROBEL IN
07141656	KILO	CO,	1040 MI 94.3	F	STROBEL IN
07141702	KEPC	CO,	1040 MI 89.7	F	STROBEL IN
07141732	KWBI	CO,	1047 MI 91.1	F	STROBEL IN
07161328	KGAN-2	IA	960 MI	T	WA5IYX
07161443	KAMS	MO,	MAMMOTH SP 95.1	F	KF2OK NJ
07161500-W0				K6QXY	
07161723	KSEK	KS,	932 MI 99.1	F	CONIGLIO NY
07191500	KGAN-2	IA	960 MI	T	WA5IYX
07191546	KGMY	MO,	AURORA 100.5	F	SHAFTON NJ
07191556	KZOC	KS,	OSAGE CITY 92.9	F	KF2OK NJ
07191558	KAYO	MO,	WARSAW 97.7	F	SHAFTON NJ
07191617	KMAC	MO,	853 MI 99.7	F	CONIGLIO NY
07191623	KOSP	MO,	875 MI 105.1	F	CONIGLIO NY
07191625	KLTO	MO,	868 MI 96.5	F	CONIGLIO NY
07191627	KDLH-3	MN	1245 MI	T	WA5IYX
07191627	KTOZ	MO,	849 MI 104.7	F	CONIGLIO NY
07191630	KSNP	KS,	BURLINGTON 95.3	F	SHAFTON NJ
07191630	KXTR	MO,	868 MI 101.3	F	CONIGLIO NY
07191631	KQTV-2	MO		T	WHEELER PA
07191635	KLOZ	MO,	796 MI 92.7	F	CONIGLIO NY
07191636	KARO	MO,	765 MI 101.5	F	CONIGLIO NY
07191636	KREP	KS,	BELLEVILLE 92.1	F	PERGE OH
07191641	KKOT	NE,	COLUMBUS 93.5	F	PERGE OH
07191644	KIXQ	MO,	WEBB CITY 93.9	F	CHERNOS ONT
07191650	KSEC	CO,	935 MI 93.3	F	STROBEL IN
07191650	KZSN	KS,	1066 MI 102.1	F	CONIGLIO NY
07191651	KKRD	KS,	1051 MI 107.3	F	CONIGLIO NY
07191654	KRZZ	KS,	1047 MI 96.3	F	CONIGLIO NY
07191658	KSNW-3	KS,	1011 MI	T	HEPBURN ONT
07191702	KRBB	KS,	1051 MI 97.9	F	CONIGLIO NY
07191705	KVGB	KS,	1094 MI 104.3	F	CONIGLIO NY
07191708	KHCC	KS,	1055 MI 90.1	F	CONIGLIO NY
07191710	KSNC-2	KS,	1051 MI	T	HEPBURN ONT
07191712	KMTV-2	NE		T	WHEELER PA
07191716	WDAF-4	MO	830 MI	T	HEPBURN ONT
07191730	KSNB-4	NE	963 MI	T	HEPBURN ONT
07191734	KLNE-3	NE		T	HEPBURN ONT
07191750	KOAA-5	CO	755 MI	T	KADET IL
07191754	KUSD-2	SD	854 MI	T	HEPBURN ONT
07200026	KSKL	KS,	SCOTT CITY 94.5	F	CHERNOS/ONT
07200031	KJIL	KS,	ANDOVER 93.9	F	CHERNOS/ONT
07200100	KDLE	KS,	ANDOVER 93.9	F	CHERNOS/ONT
07200100	KTSC	CO,	1038 MI 89.5	F	STROBEL IN
07200150	KSYN	MO,	JOPLIN 92.5	F	KF2OK NJ
07210000	KXNE	NE,	NORFOLK 89.3	F	N1GGP MA
07210030	KNWC	SD,	SIOUX FALL 96.5	F	N1GGP MA
07210030	KTVO-3	MO	713 MI	T	CONIGLIO NY
07210036	KROA	NE,	GRAND ISLA 95.7	F	SHAFTON NJ
07210036	KUCV	NE,	LINCOLN 90.9	F	HAYES PA
07210039	KJJY	IA,	ANKENY 92.5	F	HAYES PA
07210039	KLRB	NE,	AURORA 97.3	F	SHAFTON NJ
07210040	KDST	IA,	DYERSVILLE 99.3	F	SHAFTON NJ
07210043	KEFM	NE,	OMAHA 96.1	F	HAYES PA
07210044	KLTH	MO,	KANSAS CIT 99.7	F	N1GGP MA
07210045	KLTH	MO,	KANSAS CIT 99.7	F	SHAFTON NJ
07210045	KSYN	MO,	931 MI 92.5	F	CONIGLIO NY
07210046	KLTH	MO,	KANSAS CIT 99.7	F	KF2OK NJ
07210048	KZKK	NE,	SEWARD 96.9	F	KF2OK NJ
07210049	KWMQ	MO,	954 MI 100.3	F	CONIGLIO NY
07210050	KCLR	MO,	BOONVILLE 99.3	F	KF2OK NJ
07210050	KFUOT	MO,	675 MI 99.1	F	CONIGLIO NY

07210050	KNEN	NE,	NORFOLK 94.7	F	HAYES PA
07210051	KXOKt	MO,	674 MI 97.1	F	CONIGLIO NY
07210054	KEZH	NE,	HASTINGS 101.5	F	SHAFTON NJ
07210054	KJJY	IA,	DES MOINES 92.5	F	KF2OK NJ
07210058	KNCY	NE,	NEBRASKA C 97.7	F	SHAFTON NJ
07210100+W0			-0300	K6QXY	
07210104	KZOC	KS,	OSAGE CITY 92.9	F	KF2OK NJ
07210430	KGAN-2	IA		T	HAYES PA
07262321	KREG-3	CO	975 MI	T	KK6TQ/7 OR
07270000	KSWK-3	KS	1310 MI	T	KK6TQ/7 OR
07270004	KTVS-3	CO	(t)	T	KK6TQ/7 OR
07270006	KRMA-6	CO	(t)	T	KK6TQ/7 OR
08052225	KRVN	NE,	1094 MI 93.1	F	CONIGLIO NY
08052230	KHCT	KS,	1100 MI 90.9	F	CONIGLIO NY
09120256	W2CRS/0	DM78		KO6ET	

## News of Oceania

**AUSTRALIA:** VK3AMX (P29CW) sent e-mail: "Back in VK3. Wanted: Heathkit SB101 or SB102 transceiver with supply, speaker, and manual. Must be in good to excellent condition. Reasonable price. Call 503-897-2871."

0703XXXX	VK2,	VK5	ZL3
0703XXXX	VK2ZXC		ZL2AQR
0718XXXX	VK5BC		ZL4KB

**BRUNEI:** Peter, G3ZSS (ex V85PB) (now permanently back in England) indicates that there was nothing except JAs in his 6m log for the last few months of his stay. In just over two years of operation from V85, he only worked 22 countries. He says "Now it is time to work some of the new European countries and get an endorsement for my 6m DXCC!" Present address: Peter Bacon, 29 Brockley Combe, St. Marys Rd, Weybridge, Surrey, KT13 9QB ENGLAND. Phone 001 46 932 846989

#### GUAM

08060532	KG6DX,0548	BY	JH1BSJ 50.110	JA1VOK
08060546	KG6DX,0612	BY	JA3GR 50.110	JA3JTG

#### NEW ZEALAND

0703XXXX	ZL3TIC,ZL3ADT	VK5BC
0723XXXX	ZL3NW,WL3TLG,ZL3AAU,ZL2KT	VK4ASL

#### OGASAWARA IS

08050816	JD1BIV	50.160	JA5CMO
08050828	JD1BIV	50.160	JA3GR
08060037	JD1/JI2AMA	50.137	JA1VOK
08060703	JD1BIV	50.180	H JA3GR
08122344	JD1BIV	50.240	H JA3GR

#### PHILLIPINES

08050855	DX1HB/B	50.008	B JA1VOK
08060700	DX1HB/B	50.008	B JA1VOK
08070633	DX1HB/B	50.008	B JA1VOK
08070828	DX1HB/B	50.008	B JA5CMO
08070940	DX1HB/B	50.008	B JA1VOK

## Beacon News

**Alabama:** Hop Hays, K4TQR, writes that his beacon (on 50.060) is QRP--4 W from solar panels--and he is still receiving cards, so he knows it's working. He also relays info from Mick Lindley, KB4UPI, that his beacon (formerly on 50.070) has been off for a year.

**Arizona:** Hank Scharfe, W6SKC, indicates his 50.0755 MHz beacon is on 24 hours/day from DM41 (Nogales) to an indoor horizontal dual hula hoop.

**Connecticut:** Ron, WZ1V, notes that the 50.060 K1NFE beacon has been off the air for many years, and there is no plan to put it back on.

**Finland:** Jukka, OH6DD, posted that OH1SIX has new antennas since late August: crossed dipoles at four layers, 26/29/33/36m AGL. Beacon is running 45W at the output connector.



**Illinois:** Greg Hart, WB9STR, indicates his 50.0715 MHz beacon is on 24 hours/day from EN61, 41° 10' 40" N, 87° 53' 01"W.

**New York:** Pete, NL7XM/2 writes that the NL7XM/2 beacon (50.075) is most assuredly on the air, running 1 W continuously 24 hours/CW every 60 seconds to a Squalo @ 45 ft AGL (205 ft ASL) from FN20WO (not FN30).

**Nevada:** NN7K writes that the NN7K beacon is back on the air after 1.5 year gap due to moving to Sparks, NV. The ID is "BEACON DE NN7K DM09 NV" rig is 1 watt Lafayette HA650 on 50.074 with chirp. In July it was using a 4 el Yagi, but will shortly be using a Ringo. It is in intermittent service, when he is away from home or asleep (approx. from 9 PM to 3:30 PM (local) daily, 9 PM to 7 AM weekends. He hopes to find it a permanent home so that it can go back to 24 hr/day operation.

**Maryland:** "KL7GLK (50.076) is in Bay Ridge, Maryland, not just Ridge, MD. Bay Ridge is essentially part of Annapolis, while Ridge is 60-80 miles south of there. I don't see any antennas on Larry's house, so suspect the beacon may be elsewhere--perhaps at the US Naval Academy?" --W3OTC

**Massachusetts:** Steve Wilson, W2CAP, (FN41) indicates that his 50.070 MHz beacon is not at his house, but is about 5 miles away on a commercial tower up 200'. It has 15 watts out to a vertical folded dipole.

**Minnesota:** "I'd written off the K0GUV beacon since I hadn't heard it this summer and hadn't received a reply to my questionnaire. NOW I hear it! We're in the midst of an Es opening up that way.

Characteristics are:

```
50008.0 K0GUV A1 -8 or 10 wpm 50 second
message cycle Message:
E E E E E E E V V V DE K0GUV BEACON MINN
<----- 18 seconds -----><-----25 seconds---->
<5 s dead air>
```

Maybe it is intermittent. After all it "can't" be in unattended operation since it isn't in the US beacon subband." --W3OTC  
Scuttlebutt at the BBQ was that the beacon was at a BC stn.

**Oregon:** N7DB (CN85) writes: [beacon] "is alive and well. I just run it during the main 'E' season in the daytime. (The keyer relay keeps me up at night!) Beacon transmitter is at my feet, so it is off when the band is open and I am on. Your beacon [K6FV], XE2UZL/B, and N0LL/B are the main beacons I hear during the season. Also have 10m beacon 28.275 MHz off & on."

**Tennessee:** Jim Lee, KD4LP, of Bulls Gap, TN (EM86) returned our questionnaire indicating his beacon was in 24 hour/day operation (50.067, 75W). The same frequency is being used by W4RFR (EM66), who didn't answer W3OTC's questionnaire, but was reported on the air during July.

**Texas:** Paul Johnston, KA5FYI, writes that his beacon is on 50.0665 MHz 24 hrs/day from EM10, 30° 3' N, 97° 75' W with a power output of 1.5 W, powered by a 12 V storage battery with 23 W solar panel. The antenna is a 6 el yagi up 25'.

**Virginia:** Roger Webb, WB4WTC, indicates that his 50.073 MHz beacon is on 24 hrs/day from FM06BQ (Martinsville, VA) with 10 watts to 2 one wavelength loops @ 90° and 1050' MSL, and was heard by 5T5JC on June 13.

## Silent Beacon List

Bob, W3OTC, gave me his latest US/Canada beacon list at W6JKV's BBQ last weekend. I have abstracted from it the stations believed presently to not be on the air.

freq	station	location	grid	pwr	source
50.0480	VE6ARC	Alberta		50	VE6TVS
50.0599	VE7SIX	Kaleden, BC	DN09	130	
50.0630	N4PZ	Sarasota FL	EL87	.4	WB2QLP
50.0640	WD7Z	Yucca, AZ	DM24mv	75	K6QXY
50.0650	NB3O	RI	FN41	100	Probably
50.0670	WZ8D	Dayton, OH	EM79ug	10	Not Reg.
50.0690	W0BJ	NV	DN91nc	5	QRM
50.0690	N4MW		EM55	1	
50.0690	W4HHK	TN	EM85ha	1	
50.0700	WA7ECY	OR	CN85sm		
50.0700	KA4VEY	AL	EM64vv	10	
50.0700	KM4ME	Harvest, AL	EM64vv	10	
50.0770	N5JM		EL49	3	QRM
50.0800	WB4OOJ	Tampa, FL	EL98	10	WB2QLP/4
50.0820	VE1MUF		FN55		VE9AA

## EME News

K6QXY passes along the information that he understands that Don, W7FN has worked SM7BAE & OH2BC via 6 meter EME, these being Don's first Europeans on 6 meters ever! Bob, K6QXY, is running EME tests with ZS6PJS on September 30 and October 3. Bob & Mike, K6MYC have shipped antenna parts to 9H1BT to enable him to get on soon. At Central States, CT1WW indicates to Bob that he will be on 6m EME soon. Bob and Mike are sending him antenna designs; he plans to put up four 6 or 7 element Yagis with azimuth/elevation rotation. They are hoping that more Europeans will get on EME soon as power limitations are lifted in large parts of Europe.

A note in SM7AED's 6-metre info, indicates that Steve, VK3OT is planning portable EME operation in VK9: "Can anyone help with an 8875? New or used for my portable EME amplifier? Required to activate rare VK9 areas in coming months on EME. Details to me t/f 61 55 723333 Fax + 61 55 712222 Thanks. Steve VK3OT at VK3RMV.#WEV.VIC.AUS.OC."

## Over the North Pole on 50 MHz?

Abstracted from post by Jukka Tapio Sirvi, OH6DD

No two way 50 MHz contact from North America to Europe with the great circle path exceeding 70°N has been made yet (East Coast - Europe doesn't count). Nevertheless, there is evidence that the path exists at times. In 1992, Aug 29 00Z, OH9NYW (KP25GR) heard a beacon on 50.048 signing VE... ARC, with QSB. The signal was very weak and the callsign was copied as VE7ARC. I had no NA-beacon list available at that time, but I learned later that VE6ARC (Alberta) was on this QRG. {Ed- Callbook lists this as Peace Country ARC, Box 767, Grande Prairie, Alberta, T8V 3R5. Beacon is presently off the air.} I believe the distance is about 6300 km. OH9NYW had a 5 el yagi, and he reported QTF being \*about\* 300 deg (The great circle bearing is 330 deg). As knowing OH9NYW for many years, I'm convinced this report was no joke. (I'm a little bit skeptical about the QTF though. I think he didn't pay much attention to that and in weak conditions it may be very difficult to say at which direction the signal is peaking, especially with a broad antenna.)

It would be most interesting to have 28/50 MHz high power beacons both in Northern Finland/Scandinavia and western Canada or Alaska (with directional antennas beaming over the pole). Anyone in NA? Please consider this as a serious proposal from people who have built more than half a dozen beacons so far (including OH1SIX and OH9SIX).

(Subject to be continued in future bulletins)